Canadian Tide and Current Tables

1991

Volume 5
Juan de Fuca Strait and
Strait of Georgia

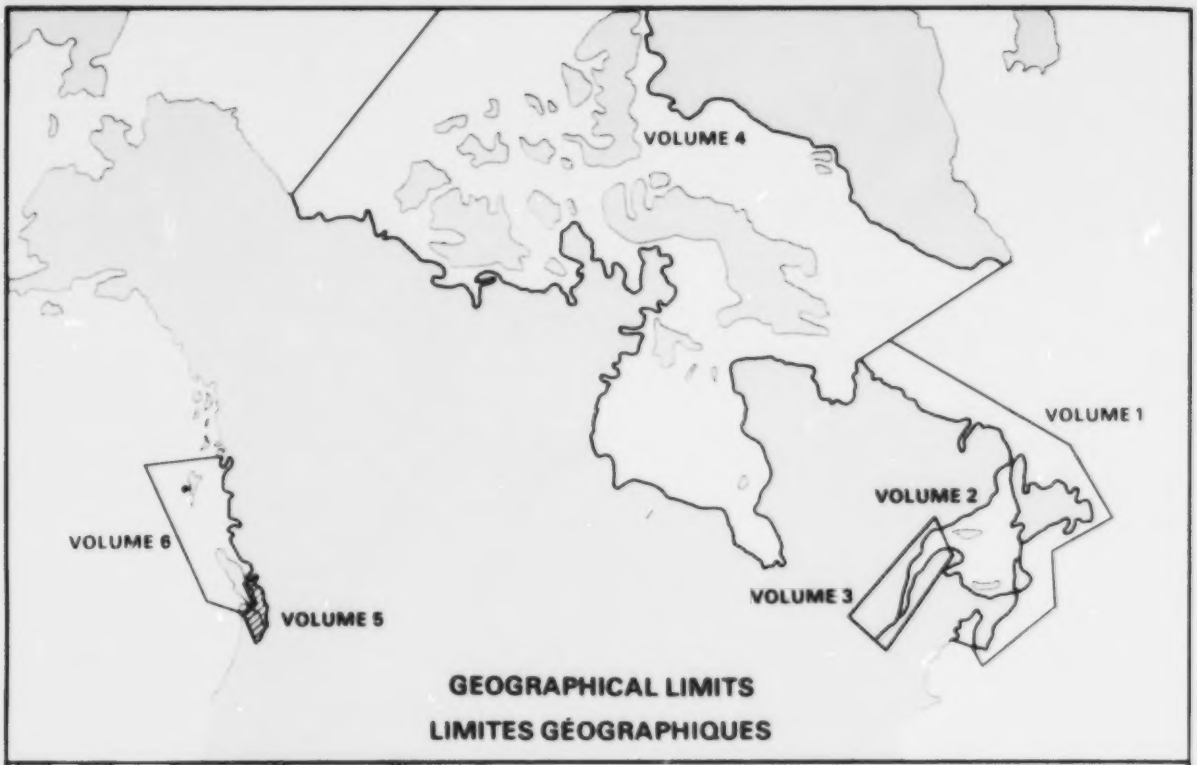
Tables des marées et courants du Canada

1991

Volume 5
Détroits de Juan
de Fuca et de Georgia

Fisheries and Oceans
Pêches et Océans

Canada



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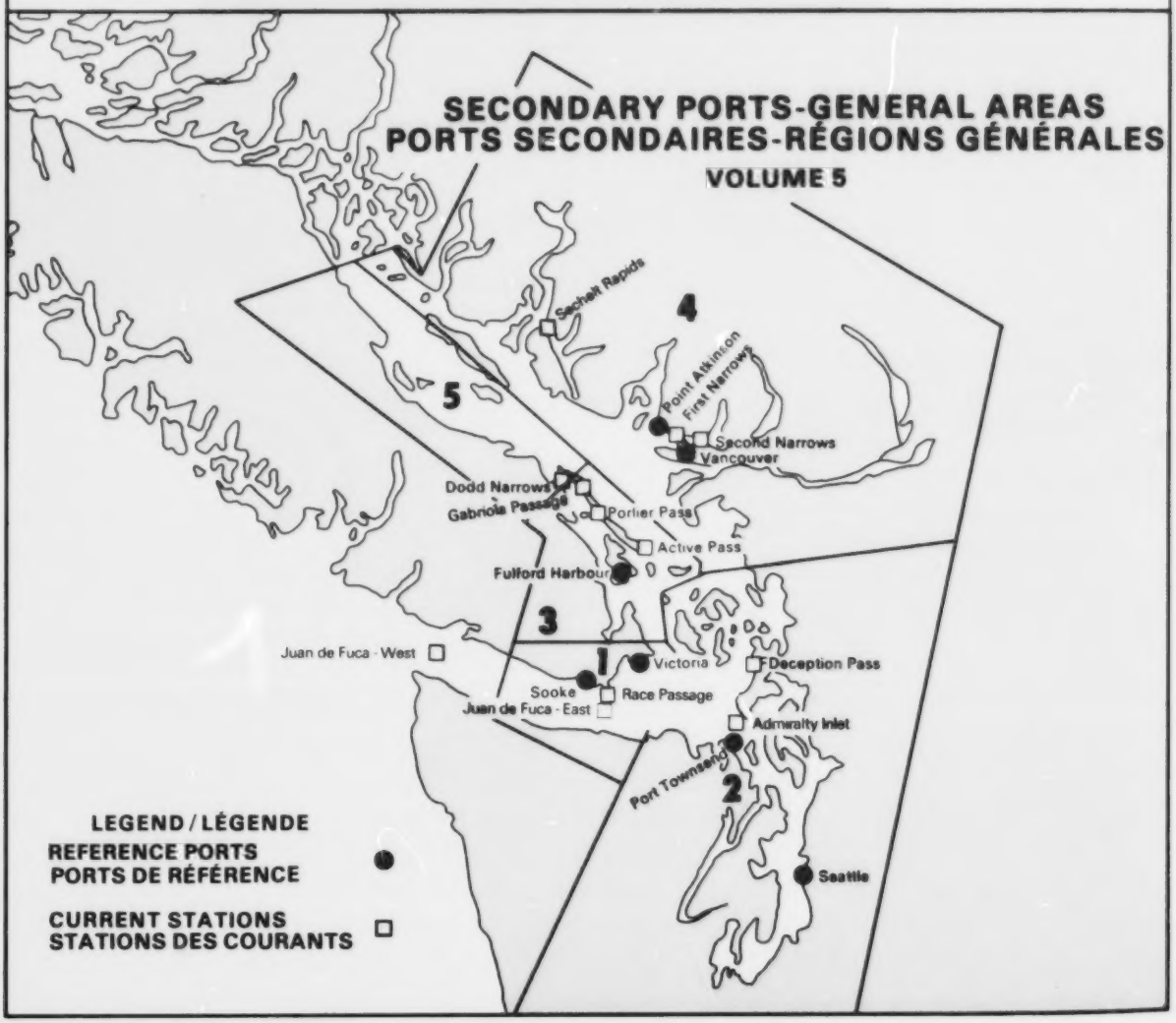

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These tables are published under the authority of the Canadian Hydrographic Service, through the Chief, Nautical Geodesy and Tides.

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Les tables sont publiées avec l'autorisation du Service hydrographique du Canada par le chef, Géodésie nautique et marées.

METRIC CONVERSION IN CANADA

In accordance with the policy of the Federal Government, as outlined in its "White Paper on Metric Conversion in Canada," the Canadian Hydrographic Service has commenced issuing metric charts. During the initial transitional period when both existing charts in feet and fathoms and new charts in metric units are in regular use, the Canadian tide and current tables will contain tidal height predictions in both feet and metres. The "heights in feet" columns are shaded to distinguish them from the "heights in metres" columns. The secondary ports tables, calculation tables, samples, etc., will remain in feet.

LA CONVERSION AU SYSTÈME MÉTRIQUE AU CANADA

Conformément à la politique du gouvernement fédéral énoncée dans son "Livre blanc sur la conversion au système métrique au Canada," le Service hydrographique du Canada a commencé à publier des cartes métriques. Pendant la période de transition où les deux types de cartes seront en usage régulier, c'est-à-dire les cartes existantes en pieds ou en brasses et les nouvelles cartes en unitées métriques, les tables de courants et des marées du Canada indiqueront les prévisions de la hauteur des marées à la fois en mètres et en pieds. Les colonnes indiquant les hauteurs en pieds seront ombrées pour les distinguer des colonnes indiquant les hauteurs en mètres. Les tables des ports secondaires, les tables de calcul, les exemples, etc. resteront en pieds.

INTRODUCTION

Tide Tables

Tide tables provide predicted times and heights of the high and low waters associated with the vertical movement of the tide. These tables are necessary for obtaining the depth of water under the keel or over a shoal, for anchoring and for establishing the appropriate times for beaching a boat.

Times and heights for all daily high and low waters at the REFERENCE PORTS are predicted and listed in daily tables. For some Reference Ports where the tidal behaviour is complicated and not readily apparent from the daily tables, the tide is also shown in analogue form, as calendar plots.

Times and heights for SECONDARY PORTS for both high water and low water are tabulated as time and height differences relative to a reference port.

Current Tables

Current tables provide predicted times for slack water and the times and velocities of maximum current, all of which are associated with the horizontal movement of the tide. This information is necessary for efficient navigation, especially when under sail. It is required when navigating narrow passes or channels that have strong currents and for safety considerations when the wind is against the current. Where strong currents are present with a strong wind opposing the current flow, extremely large, steep waves may be generated that can be particularly dangerous to small craft.

The times of slack water and of maximum current as well as the rates of maximum current at the REFERENCE CURRENT STATIONS are predicted and tabulated as daily tables. The current directions are indicated by (+) when the flow is from the ocean moving inland (flood stream) and by a (−) when the current flow is back towards the ocean (ebb stream).

Times of slack water and of maximum current for SECONDARY CURRENT STATIONS are tabulated as time differences relative to a reference station. Maximum speeds for secondary stations are tabulated as either a percentage of the maximum speed at a reference port or as a maximum speed.

The mariner should be aware that slack water and high or low tide are not necessarily coincident.

Time

All times used in these tide and current tables are Standard Times and based on the 24 hour clock.

The standard time zones used in this publication are:

Time zone (Z)	**+3 1/2**	Newfoundland Standard Time	(NST)
Time zone (Z)	**+4**	Atlantic Standard Time	(AST)
Time zone (Z)	**+5**	Eastern Standard Time	(EST)
Time zone (Z)	**+6**	Central Standard Time	(CST)
Time zone (Z)	**+7**	Mountain Standard Time	(MST)
Time zone (Z)	**+8**	Pacific Standard Time	(PST)

The standard time zone of each reference station is indicated in the heading of the daily prediction tables by the suffix (Z) after each name accompanied by the initials and numbers of the zone and by the figure in the time zone column of Tables 1 and 3. The (+) sign indicates that by adding to standard time the number of hours corresponding to the time zone, Greenwich Mean Time (GMT) is obtained. GMT is the mean solar time at the

Greenwich Meridian (prime meridian) and is the same as Universal Time (UT) which is also sometimes referred to as Coordinated Universal Time.

When using Daylight Saving Time, one hour must be added to the predicted times in the tables.

Datum

Tidal datum for both reference ports and secondary ports is, unless otherwise stated, the same as chart datum for that locality. Chart datum is, by international agreement, a plane below which the tide will seldom fall. The Canadian Hydrographic Service has adopted the plane of Lowest Normal Tides (LNT) as chart datum. To find the depth of water, the height of tide must be added to the depth shown on the chart. Tidal heights preceded by a (–) must be subtracted from the charted depth.

Caution – the datum used for United States tidal predictions printed in these tables is different from that used in Canada. United States tidal datum is Mean Lower Low Water and can differ from Canadian datum by as much as 1.50 metres.

Definitions

Reference Ports or Reference Current Stations –
are those for which predictions are published in the form of daily tables of times and heights of high and low waters, or maximum rates and times of turns and maximums for currents.

Secondary Ports or Secondary Current Stations –
are those for which time and height differences relative to a reference port, or time differences and rate factors relative to a reference current station, are provided.

Differences –
are the adjustments which are applied to the predictions at a reference port or reference current station to obtain predictions at a secondary port or secondary current station.

Height of Tide –
is the vertical distance between the surface of the sea and Chart Datum. The total depth of water is found by adding the height of tide to the charted depth. For example, at a place where the chart shows 6 m (19.7 ft.) and the predicted low water height is 1 m (3.3 ft.), then the actual depth over the seabed at low water will be 7 m (23.0 ft.).

In the case of some ports which are not navigable at low water and where vessels rest on keel blocks or mattresses during low tide, the heights of the tide are measured from those keel blocks or mattresses.

Mean tide range –
is the difference between the heights of higher high water and lower low water at mean tides.

Large tide range –
is the difference between the heights of higher high water and lower low water at large tides.

Mean water level –
is the height above Chart Datum of the mean of all hourly observations used for the tidal analysis at that particular place.

Semi–diurnal tide (SD) –
two complete tidal oscillations daily, both high waters having similar heights as well as both low waters. The two high waters of the day follow the upper and lower transits of the moon by nearly the same interval.

Mixed, mainly semi–diurnal tide (MSD) –

two complete tidal oscillations daily with inequalities both in height and time reaching the greatest values when the declination of the moon has passed its maximum.

Mixed, mainly diurnal tide (MD) –

usually, and certainly when the moon has low declination, there are two complete tidal oscillations daily. The inequalities in the heights of successive high or low waters and the corresponding time intervals are very marked.

Diurnal tide (D) –

one complete tidal oscillation daily.

Ebb –

the horizontal movement of water associated with a falling tide.

Flood –

the horizontal movement of water associated with a rising tide.

Turn or Slack –

the interval when the speed of the current is very weak or zero; usually refers to the period of reversal between ebb and flood currents.

Accuracy of Predictions

Reference Ports and Current Stations–

The accuracy of the predictions for reference ports and current stations depends on the quantity and quality of the tidal constants used to compute them. These in turn are directly related to the length of the period of observations used in the harmonic analysis from which the constants were derived. Whenever the period of record permits, observations extending over at least one year are used.

Secondary Ports –

The accuracy of the tidal differences for secondary ports also depends on the quality of the tidal constants used to compute them. In most cases however, the period of observations does not extend over one month and may be less. Their quality is, therefore, affected by the amount the tide levels fluctuated from normal, during that period, on account of meteorological conditions.

In addition, their accuracy is very dependent on the similarity between the characteristics of the tide at the secondary and reference ports. The tides at no two places in the world are identical so that even when their characteristics are similar, the secondary port predictions made by applying tidal differences can never be considered as accurate as the full predictions made for a reference port.

Every effort has been made to compare reference and secondary ports which have similar tidal characteristics. However, because of the relatively small number of reference ports available this has not always been possible. The inaccuracies thus created are usually less than those caused by fluctuations in the tide levels due to meteorological conditions.

Secondary Current Stations –

The period of observations for secondary current stations is frequently a month or less, and as a result, times of turn and maximum rate are less precise than for reference stations.

Currents depend more strongly on position then do the tides and can change significantly over distances as short as a few metres. For each reference and secondary current station, the

predictions refer to the latitude and longitude provided in Table 4. In narrow channels where the latitude and longitude may not define the location accurately enough, the predictions refer to the middle of the navigation channel.

Meteorological Effects on Tides and Currents

Meteorological conditions can cause differences between the predicted and the observed tide. These differences are mainly the result of barometric pressure changes and strong, prolonged winds.

A change in barometric pressure of 30 millibars can cause a rise or fall in the sea level of approximately 0.3 metres. High atmospheric pressure depresses sea level and low atmospheric pressure raises sea level. This effect is not instantaneous but is the result of the average change over a wide area.

The effect of the wind on sea level depends on the topography of the area as well as the strength, duration and fetch of the wind itself. A strong wind blowing on-shore tends to raise the sea level. This is especially noticeable at the head of long, shallow bays and when coupled with low barometric pressure can cause exceptionally high tides. The set-up of sea level in this manner is called a storm surge. Winds blowing offshore tend to have the opposite effect.

Currents are particularly sensitive to the effects of the wind. The times of slack water can be advanced or retarded considerably by strong winds. In some instances, particularly if the following flood or ebb current is weak, the direction of current may not change and slack water may not occur.

Maps

The upper map on the inside front cover shows the boundaries and the numbers of all the volumes in the Canadian Tide and Current Table series.

The lower map denotes the general areas in which the secondary ports of this volume are grouped. These areas are numbered consecutively signifying the geographical sequence of reference and secondary ports throughout the volume. This map also indicates the locations of the reference ports and current stations.

Typical Tidal Curves

Illustrate the changes in range of tide and type of tide as the tide progresses along the coast.

Index

Lists alphabetically all the reference and secondary ports for both tides and currents, and also gives their reference number for easy reference in Tables 3 and 4.

Explanation of the Tables

Tables 1 and 2 – Reference ports

give the position, mean and large tide ranges and heights, recorded extremes and mean water levels of the Reference ports.

Table 3 – Secondary ports: Information and tidal differences

gives Secondary port positions and information on time and height differences relative to a Reference port. The times and heights shown are to be added to or subtracted from the times and heights of the Reference ports.

Table 4 – Reference and secondary current stations

gives information on the Reference and Secondary current Stations. The time differences given for slack and maximum current at the Secondary Stations are applied directly to the Reference Station times. The speed of the current is given either as a percentage of the current at the Reference Station or as a maximum rate. Where a percentage is given, the predicted speed at the Secondary Station is a simple percentage of the speed at the Reference Station. Where a maximum rate is given, a consistent method of calculating speeds from the Reference Station has not been established.

Table 5 and Table 5A – Fraser River

These tables provide predicted times and heights of high and low waters at three locations on the Fraser River. Predictions are provided for four typical discharge rates. Table 5 provides the heights in feet and table 5A in metres.

Table 6 and Table 6A – Time intervals – Height differences

These tables enables the user to find the height of a tide at a Reference port for a specified time between the predicted levels, or to find the time that a specified height is reached. They may also be used for Secondary ports once the times and heights of high and low tides have been calculated. Reasonably accurate results can be achieved when the duration of rise or fall is within the tabulated limits.

Daily Tables – Reference ports and stations

daily predictions of the tides and currents.

Procedure for Prediction of Tides at Secondary Ports

1. Locate the required port in Table 3 – Secondary Ports: Information and Tidal Differences, and note its time zone. *This will be the time zone of the resultant predictions, irrespective of the time zone of the reference port.*

2. In Table 3, note the time and height differences tabulated for this port.

3. Note the name of the reference port which precedes it in Table 3.

4. Note the heights of mean and large tides for this reference port in Table 2.

5. Note the daily predictions for this reference port.

6. Select the appropriate time and height differences from Table 2. If the predicted height of the tide at the Reference port is closer to the large tide height given in Table 2, then use the large tide differences. If it is closer to the mean tide height then use the mean tide differences. The differences for both high and low waters are applied in this manner.

6a. A more precise method of computing height differences is to interpolate between the height differences in Table 3 in the ratio determined by the position of the predicted level between the mean tide height and the large tide height. If the predicted level does not fall between the mean tide height and the large tide height, an extrapolation is required instead of an interpolation and the height difference obtained will correspondingly fall outside the height differences in Table 3.

Worked Example

Predict the times and heights of the morning and afternoon tides on July 1 at the ficticious port of Rock Harbour, using the sample tables on pg. xi.

Step 1 Rock Harbour +4

Step 2

Higher High Water			Lower Low Water		
Time	Mean Tide	Large Tide	Time	Mean Tide	Large Tide
+0 30	+2.4*	+3.0	+0 20	−0.6	+0.2

Step 3 Bay Head

Step 4

Higher High Water		Lower Low Water	
Mean Tide	Large Tide	Mean Tide	Large Tide
8.0*	14.0*	4.0	0.0

Step 5

Morning Tide		Afternoon Tide	
0720	10.0 *	1310	3.0

Step 6

+0 30	+2.4	+0 20	−0.6
0750	12.4	1330	2.4

** 10 ft . is closer to 8 ft. than 14 ft therefore the mean tide differences are used for the calculation. (Similarly, for the afternoon tide, 3 ft. is closer to 4 ft than to 0.0 ft. therefore the mean tide differences are used for the calculation.)*

SECONDARY PORTS

PORTS SECONDAIRES

TABLE 3
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO / NO D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION LONG. W. / LONG. O.	DIFFERENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	MEAN TIDE / MARÉE MOYENNE	LARGE TIDE / GRANDE MARÉE	DIFFÉRENCES LOWER LOW WATER / BASSE MER INFÉRIEURE TIME / HEURE	MEAN TIDE / MARÉE MOYENNE	LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
			° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.
	AREA RÉGION 4												
					on/sur BAY HEAD, pages 32-35								
0002	ROCK HARBOUR	+ 4	61 00	61 00	+0 30	+2.4	+3.0	+0 20	-0.6	+0.2	7.0	16.8	9.0

SAMPLE EXEMPLE

REFERENCE PORTS

PORTS DE RÉFÉRENCE

TABLE 2
TIDAL HEIGHTS, EXTREMES, AND MEAN WATER LEVEL
HAUTEURS DES MARÉES, EXTRÊMES ET NIVEAU MOYEN DE L'EAU

REFERENCE PORT / PORT DE RÉFÉRENCE	HEIGHTS HAUTEURS HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE MEAN TIDE / MARÉE MOYENNE		HEIGHTS HAUTEURS HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE LARGE TIDE / GRANDE MARÉE		HEIGHTS HAUTEURS LOWER LOW WATER / BASSE MER INFÉRIEURE MEAN TIDE / MARÉE MOYENNE		HEIGHTS HAUTEURS LOWER LOW WATER / BASSE MER INFÉRIEURE LARGE TIDE / GRANDE MARÉE		RECORDED EXTREMES / EXTRÊMES ENREGISTRÉS HIGHEST L.W. / EXTRÊME DE PLEINE MER		RECORDED EXTREMES / EXTRÊMES ENREGISTRÉS LOWEST L.W. / EXTRÊME DE BASSE MER		MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU	
TIDES / MARÉES	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.
BAY HEAD	8.0	2.4	14.0	4.3	4.0	1.2	0.0	0.0	18.0	5.5	-0.7	-0.2	6.5	2.0

SAMPLE EXEMPLE

BAY HEAD EST Z+5

JULY–JUILLET

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0140		1.2	16	0230		1.3
	0720		3.0		0825		3.0
SU	1310		.9	MO	1405		1.2
DI	1940		3.4	LU	2025		3.1
2	0245		1.5	17	0340		1.5
	0830		2.8		0935		2.8
MO	1420		1.1	TU	1525		1.3
LU	2100		3.1	MA	2130		2.9
3	0355		1.4	18	0450		1.4

Procedure for Calculating Intermediate Times or Heights

1. Note the times and heights of high and low water on either side of the required time or height.

2. The difference in time is the duration.

3. The difference in height is the range.

4. The difference from the required time to the time of the nearest high or low water is the time interval.

5. The difference from the required height to the nearest high or low water is the height difference.

To Find the Height of Tide for a Required Time

A. Using Table 6 select the row closest to the duration of tide and from there cross to the column closest to the time interval. Interpolations between times may be made for greater accuracy.

B. Staying in the same column, drop down to Table 6A, and on the row closest to the range of the tide will be the height difference to be added to low water or subtracted from high water.

Example

To find the height of tide at 17:20 on a day when the tide tables show:

Time	Height
0335	.4
1010	4.5
1600	.2
2230	4.5

1. Select times and heights on either side of required time

1600	.2
2230	4.5

2. Duration = 2230–1600 = 6h 30min

3. Range = 4.5 – .2 = 4.3

4. Time Interval = 1720 – 1600 = 1h 20min

5. Using Table 6 on the opposite page find the row closest to the duration of the tide and then cross to the column closest to the time interval.

6. Staying in the same column (2), drop down to Table 6A and in the row closest to the range of the tide will be the height difference .43 to be added to .2 for a height of tide of .63 at 1720.

TABLE 6 – TIME INTERVALS from Nearest Predicted Level

h min	h min	h min	h min	h min	h min	h min	h min	h min	h min	
4 00	34	39	1 01	1 11	1 20	1 29	1 37	1 45	1 52	2 00	
20	37	53	1 06	1 17	1 27	1 36	1 45	1 53	2 02	2 10	
40	40	57	1 11	1 23	1 33	1 43	1 53	2 02	2 11	2 20	
5 00	43	1 01	1 16	1 29	1 40	1 51	2 01	2 11	2 20	2 30	
20	46	1 06	1 21	1 34	1 47	1 58	2 09	2 19	2 30	2 40	
40	49	1 10	1 26	1 40	1 53	2 05	2 17	2 28	2 39	2 50	
6 00	52	1 14	1 31	1 46	2 00	2 13	2 25	2 37	2 49	3 00	
20	55	1 18	1 36	1 52	2 07	2 20	2 33	2 46	2 58	3 10	
40	57	1 22	1 41	1 58	2 13	2 28	2 41	2 54	3 07	3 20	
7 00	1 00	1 26	1 46	2 04	2 20	2 35	2 49	3 03	3 17	3 30	
20	1 03	1 30	1 51	2 10	2 27	2 42	2 57	3 12	3 26	3 40	
40	1 06	1 34	1 56	2 16	2 33	2 50	3 05	3 21	3 35	3 50	
8 00	1 09	1 38	2 02	2 22	2 40	2 57	3 13	3 29	3 45	4 00	
20	1 12	1 42	2 07	2 28	2 47	3 05	3 22	3 38	3 54	4 10	
40	1 15	1 47	2 12	2 33	2 53	3 12	3 30	3 47	4 03	4 20	
9 00	1 18	1 51	2 17	2 39	3 00	3 19	3 38	3 55	4 13	4 30	
20	1 20	1 55	2 22	2 45	3 07	3 27	3 46	4 04	4 22	4 40	
40	1 23	1 59	2 27	2 51	3 13	3 34	3 54	4 13	4 32	4 50	

Duration of Tide

TABLE 6A – HEIGHT DIFFERENCES from Nearest Predicted Level

.30	.02	.03	.05	.06	.07	.09	.10	.12	.13	.15	
.60	.03	.06	.09	.12	.15	.18	.21	.24	.27	.30	
1.00	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	
.30	.06	.13	.19	.26	.32	.39	.45	.52	.58	.65	
.60	.08	.16	.24	.32	.40	.48	.56	.64	.72	.80	
2.00	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	
.30	.11	.23	.34	.46	.57	.69	.80	.92	1.03	1.15	
.60	.13	.26	.39	.52	.65	.78	.91	1.04	1.17	1.30	
3.00	.15	.30	.45	.60	.75	.90	1.05	1.20	1.35	1.50	
.30	.16	.33	.49	.66	.82	.99	1.15	1.32	1.48	1.65	
.60	.18	.36	.54	.72	.90	1.08	1.26	1.44	1.62	1.80	
4.00	.20	.40	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00	
.30	.21	.43	.64	.86	1.07	1.29	1.50	1.72	1.93	2.15	
.60	.23	.46	.69	.92	1.15	1.38	1.61	1.84	2.07	2.30	
5.00	.25	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	
.30	.26	.53	.79	1.06	1.32	1.59	1.85	2.12	2.38	2.65	
.60	.28	.56	.84	1.12	1.40	1.68	1.96	2.24	2.52	2.80	
6.00	.30	.60	.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00	
.30	.31	.63	.94	1.26	1.57	1.89	2.20	2.52	2.83	3.15	
.60	.33	.66	.99	1.32	1.65	1.98	2.31	2.64	2.97	3.30	
7.00	.35	.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50	
.30	.36	.73	1.09	1.46	1.82	2.19	2.56	2.93	3.29	3.65	
.60	.38	.76	1.14	1.52	1.90	2.28	2.66	3.04	3.42	3.80	
8.00	.40	.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00	

Range of Tide

To find the Time of the Tide for a Required Height

A. Using Table 6A select the row closest to to the range of tide and cross over to the column closest to the height difference.

B. Remaining in the same column move up to Table 6, where the row closest to the duration of the tide will give the time interval to be either added or subtracted to the previous or following high or low water.

Example

To find the time when the tide will be .65 m on the evening of the same day as the previous example:

1. Take times and heights on either side of required height.

1600	.2
2230	4.5

2. Duration = 2230 – 1600 = 6h 30 min

3. Range = 4.5 – .2 = 4.3

4. Height difference = .65 – .2 = .45

5. Using the lower table, find the row closest to the range of the tide and then cross to the column equal to the height difference.

6. Staying in the same column (2), move up to the top table and in the row closest to the duration of the tide will be the time interval of 1h 20m (by interpolation) to be added to 1600 to give a time of 1720.

Note: Interpolations between any of the values provided can be made for greater accuracy if required.

Procedure for calculation of currents at Secondary Current Stations

1. Locate desired secondary station in Table 4 and note name of its reference station or reference port (e.g. South Passage is on Dodd Narrows).

2. To obtain times of turn and of maximum rate, apply time differences (flood or ebb) from Table 4 to corresponding times on desired date at the reference station, or to times tabulated for high or low water at the reference port, whichever is indicated.

3. To obtain the maximum rate, multiply maximum rate (flood or ebb) tabulated for desired date at the reference station by the appropriate percentage from Table 4. If percentages are omitted, the maximum rates at large tides are given directly.

REFERENCE AND SECONDARY CURRENT STATIONS

TABLE 4

STATIONS DE RÉFÉRENCE ET STATIONS SECONDAIRES DES COURANTS

INFORMATION RATES AND TIME DIFFERENCES
INFORMATION VITESSES ET DIFFÉRENCES DE TEMPS

INDEX NO. / NO. D'INDEX	CURRENT STATION / STATION DE COURANT	DIR. OF FLOOD / DIR. DU FLOT	POSITION / POSITION		TIME DIFFERENCES (ON PST) / DIFFÉRENCES DE TEMPS (SUR L'HNP)				MAXIMUM RATE† / VITESSE MAX.†		%REF. RATE† / % VIT. REF.†	
			LAT. N. / LONG.	LONG. W. / LONG. O.	TURN TO FLOOD / RENV. VERS FLOT	MAXIMUM FLOOD / FLOT MAXIMUM	TURN TO EBB / RENV. VERS JUSANT	MAXIMUM EBB / JUSANT MAXIMUM	FLOOD / FLOT	EBB / JUSANT	FLOOD / FLOT	EBB / JUSANT
	SECONDARY STATION / STATION SECONDAIRE	(°true / °vrais)	° ′	° ′	h min	h min	h min	h min	knots / noeuds	knots / noeuds	%	%
	on/sur DODD NARROWS, pages 00-00											
8888	SOUTH PASSAGE	110	49 24	126 07	+0 30	+0 10	+0 35	+0 15			90	85

SAMPLE EXEMPLE

Publications

The Department of Fisheries and Oceans publishes several publications containing a wide range of information about tides, currents and water levels throughout Canada. They are listed below and may be obtained from the Hydrographic Chart Distribution Offices of the Canadian Hydrographic Service at Ottawa, Ontario (Postal Code K1G 3H6) or Sidney, British Columbia (Postal Code V8L 4B2).

Canadian Tide and Current Tables – published in 6 volumes

Volume 1 –	Atlantic Coast and Bay of Fundy
Volume 2 –	Gulf of St. Lawrence
Volume 3 –	St. Lawrence and Saguenay Rivers
Volume 4 –	Arctic and Hudson Bay
Volume 5 –	Juan de Fuca Strait and Strait of Georgia
Volume 6 –	Barkley Sound and Discovery Passage to Dixon Entrance

Composite volume is also available: Atlantic Coast – Volumes 1–4

Tides in Canadian Waters –
a well–illustrated, informative booklet outlining tidal theory for Canadian waters.

Monthly and Yearly Mean levels –
containing tabulated monthly and yearly mean water levels for the full period of operation of Canadian Hydrographic Service permanent gauges. Also presented are ten–year and all–time averages of the monthly and yearly mean levels.

Tide and Water Level Bench Marks –
Individual bench mark descriptions can be obtained from the Regional Tidal Offices listed on page xviii. The bench marks are referred to the datum of Canadian Hydrographic Service charts and are located along the coasts and on the shores covered by these charts. The number or name of each bench mark is given along with its height above chart datum and a full description of its location. A sketch showing the position of the bench mark in relation to nearby landmarks is usually included. Bench mark evaluations and descriptions are updated on a regular basis and old descriptions etc. should not be used.

Canadian Tidal Manual –
an authoritative reference on the theory and procedures involved in gathering and using tide, current and water level information during hydrographic surveys and other related activities.

Tidal Current Atlases –
Tidal Current Charts, Vancouver Harbour
Tidal Current Charts, Yuculta Rapids
Tidal Current Charts, St. Lawrence Estuary
Current Atlas, Juan de Fuca Strait to Strait of Georgia
Tidal Currents, Bay of Fundy and Gulf of Maine

Search and Rescue Service

The Master of any vessel in distress and requiring assistance or anyone with knowledge of a vessel in distress shall communicate immediately with the appropriate Rescue Coordination Centre (RCC) or Marine Rescue Sub–Centre (MRSC). Messages may be sent without charge through any Coast Guard Radio Station or a Vessel Traffic Systems (VTS) Centre, or relayed by any Canadian Coast Guard ship or any of Her Majesty's Canadian warships or directly by radio telephone or radio telegraphy.

Distress reports may be telephoned directly to the appropriate RCC or MRSC without charge by calling the operator and stating "Marine Distress".

Newfoundland and Labrador	MRSC St. John's, Nfld.	709	772–5151
Atlantic Region	RCC Halifax, N.S.	902	427–8200 or 1–800–565–1582
St. Lawrence River	MRSC Québec,Que.	418	648–3599 or 1–800–463–4393
Great Lakes	RCC Trenton, Ont.	613	392–2811 Local 3870 or 1–800–267–7270
Arctic Region	RCC Edmonton, Alta.	403	973–4402 or 1–800–661–5631
West Coast	RCC Victoria, B.C.	604	380–2333 or 666–8087 or 1–800–742–1313

These Rescue Centres maintain an up–to–date record of the location of all government ships and will direct assistance to relieve the distress situation.

Canadian Supplementary Predictions

Hourly tide or current predictions can be supplied for all reference ports or current stations in this book. High and low or hourly tide predictions can also be supplied for most secondary ports in Table 3 except for those for which the height of "mean water level" is omitted. The hourly predictions are available with either English or French headings. The hourly current predictions are provided in knots, and the hourly tidal predictions in either feet or metres. The high and low water predictions are available with bilingual headings and in feet or metres. The predictions are normally supplied in the form of computer listings, however selected computer compatible formats are also available. Standard fees are charged for the preparation of supplementary predictions. A schedule of these fees is available upon request.

These predictions, which are prepared for the convenience of users, are supplements to and not replacements for the Canadian Tide and Current Tables, which carry the official tidal predictions for Canada.

Requests for this service, specifying the index number and name of the port or station, the prediction period, and selected options should be made to:

Canadian Hydrographic Service
Department of Fisheries and Oceans

at:

615 Booth St., **Ottawa**, Ont.
K1A 0E6

Bedford Institute of Oceanography, **Dartmouth**, N.S.
B2Y 4A2

Maurice Lamontagne Institute, **Mont-Joli**, Que.
G5H 3Z4

Canada Centre for Inland Waters, **Burlington**, Ont.
L7R 4A6

Institute of Ocean Sciences, **Sidney**, B.C.
V8L 4B2

or to:

Marine Environmental Data Services Branch
Department of Fisheries and Oceans
1202-200 Kent St., **Ottawa**, Ontario
K1A 0E6

Acknowledgements

These tables and predictions for Canadian waters have been prepared by the Marine Environmental Data Service, Department of Fisheries and Oceans. Predictions for United States waters have been obtained from the United States Department of Commerce under an international reciprocal agreement.

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INTRODUCTION

Tables des marées

Les tables des marées fournissent l'heure et la hauteur prédites de la pleine mer et de la basse mer correspondant aux mouvements verticaux de la marée. Ces tables sont nécessaires pour déterminer la profondeur de l'eau sous la quille des bateaux ou sur les hauts-fonds, pour le mouillage et pour établir l'heure à laquelle il convient de tirer une embarcation sur la berge.

L'heure et la hauteur de toutes les pleines et basses mers quotidiennes aux PORTS DE RÉFÉRENCE sont prédites et présentées dans les tables quotidiennes. Dans certains ports de référence où le comportement de la marée est complexe et non directement indiqué par les tables quotidiennes, la marée est aussi présentée sous forme analogique par des calendriers graphiques.

L'heure et la hauteur de la pleine mer et de la basse mer aux PORTS SECONDAIRES sont présentées sous forme de tableaux donnant les écarts par rapport à un port de référence.

Tables des courants

Les tables des courants donnent l'heure prédite de l'étale de même que l'heure et la vitesse du courant maximum liées au mouvement horizontal de la marée. Ces renseignements sont nécessaires à la navigation efficace surtout à la voile. Ces renseignements sont nécessaires à la navigation dans les passages et chenaux étroits à courants forts et permettent d'accroître la sécurité lorsque le vent souffle à l'opposé du courant. Des vagues abruptes, très grosses et particulièrement dangereuses pour les petites embarcations peuvent être produites lorsque des courants forts s'opposent à des vents importants.

Les heures de l'étale et du courant maximum ainsi que la vitesse du courant maximum aux stations de référence des courants sont prédites et présentées sous forme de tables quotidiennes. La direction des courants est indiquée par (+) lorsque le courant porte vers les terres (courant de flot) et par (–) lorsque le courant porte vers l'océan (courant de jusant).

Les heures de l'étale et du courant maximum aux stations de courant secondaires sont présentées sous forme de tableaux comme différences de temps par rapport à une station de référence. Les vitesses maximales aux stations secondaires sont présentées sous forme de tableaux en pourcentage de la vitesse maximale à un port de référence ou sous forme de vitesse maximale.

Le navigateur doit être conscient du fait que l'heure de l'étale ne correspond pas nécessairement à celle de la pleine ou de la basse mer.

Heure

Toutes les heures indiquées dans ces tables des marées et courants sont celles de l'heure normale et sont basées sur le système horaire de 24 heures.

Les zones horaires normales utilisées dans la présente publication sont :

Zone horaire (Z)	+3 1/2	Heure normale de Terre-Neuve	(HNTN)
Zone horaire (Z)	+4	Heure normale de l'Atlantique	(HNA)
Zone horaire (Z)	+5	Heure normale de l'Est	(HNE)
Zone horaire (Z)	+6	Heure normale du Centre	(HNC)
Zone horaire (Z)	+7	Heure normale des Montagnes	(HNM)
Zone horaire (Z)	+8	Heure normale du Pacifique	(HNP)

La zone horaire normale de chaque station de référence est indiquée dans l'en-tête des tables de prédiction quotidiennes par le suffixe (Z) placé après chaque nom et accompagné par les initiales et le numéro de la zone ainsi que par le chiffre de la colonne de la zone horaire des tables 1 et 3. Le signe (+) indique que l'on obtient le temps moyen de Greenwich (TMG) en additionnant à l'heure normale le nombre d'heures correspondant à la zone horaire. Le TMG est le temps solaire moyen au méridien de Greenwich (premier méridien) et est le même que le temps universel (TU) qui est parfois aussi appelé temps universel coordonné.

Lorsque l'heure avancée est utilisée, il faut alors ajouter une heure aux heures indiquées dans les tables.

Niveau de référence

À moins d'indication contraire, le niveau de référence marégraphique des ports de référence et des ports secondaires correspond au zéro des cartes à ces endroits. Par convention internationale, le zéro des cartes est un plan fixé suffisamment bas pour que la marée lui soit rarement inférieure. Le Service hydrographique du Canada a adopté le niveau de la marée normale la plus basse (MNPB) comme zéro des cartes. Pour obtenir la profondeur de l'eau, il faut ajouter la hauteur de la marée à la profondeur indiquée sur les cartes. Les hauteurs de marée précédées du signe (–) doivent être soustraites des profondeurs indiquées sur les cartes.

Avertissement –Le niveau de référence utilisé pour les prédictions américaines qui figurent dans les présentes tables est différent de celui utilisé au Canada. Le niveau de référence marégraphique utilisé aux États-Unis est le niveau de la basse mer inférieure moyenne et ce dernier peut différer du niveau de référence canadien par une valeur pouvant atteindre 1.50 mètre.

Définitions

Les ports de référence ou les stations de référence de courant –
sont ceux pour lesquels on publie des prédictions sous forme de tables quotidiennes des heures et des hauteurs des pleines mers et des basses mers ou des vitesses maximales et des heures de renversement des courants.

Les ports secondaires ou les stations secondaires de courant –
sont ceux pour lesquels on publie les différences d'heures et de hauteurs par rapport à un port de référence ou les différences d'heures et de vitesse par rapport à une station de référence de courant.

Les différences –
sont les corrections appliquées aux prédictions à un port de référence ou à une station de référence de courant pour obtenir les prédictions à un port secondaire ou à une station secondaire de courant.

La hauteur de la marée –
est la distance verticale entre la surface de la mer et le zéro des cartes. La profondeur totale de l'eau est obtenue en additionnant la hauteur de la marée à la profondeur indiquée sur la carte. Ainsi, si la carte indique une profondeur de 6 m (19.7 pi) et que la hauteur prédite de la basse mer est de 1 m (3,3 pi), la profondeur réelle par rapport au fond de la mer est de 7 m (23.0 pi) à la basse mer.

Dans le cas de certains ports inaccessibles à marée basse et où les navires reposent sur des tins ou des clayonnages à marée basse, la hauteur de la marée est déterminée à partir de ces structures.

Le marnage de la marée moyenne –
est la différence entre les hauteurs de pleine mer supérieure et de basse mer inférieure à la marée moyenne.

Le marnage de la grande marée –

est la différence entre les hauteurs de pleine mer supérieure et de basse mer inférieure à la grande marée.

Le niveau moyen de l'eau –

est la hauteur au–dessus du zéro des cartes de la moyenne de toutes les observations horaires utilisées à un endroit particulier pour étudier la marée.

Marée semi–diurne (SD) –

deux oscillations marégraphiques quotidiennes complètes, les deux pleines mers étant de hauteurs semblables de même que les deux basses mers. Les deux pleines mers du jour suivent les passages supérieurs et inférieurs de la lune d'environ le même intervalle.

Marée mixte, surtout semi–diurne (MSD) –

deux oscillations marégraphiques quotidiennes complètes avec inégalités à la fois en hauteur et dans le temps atteignant sa plus grande valeur alors que la déclinaison de la lune est passée par son maximum.

Marée mixte, surtout diurne (MD) –

habituellement, et à coup sûr quand la lune présente une faible déclinaison, il se produit deux oscillations marégraphiques complètes quotidiennes. Les inégalités entre les hauteurs des pleines et basses mers successives et le temps des intervalles correspondants sont très marqués.

Marée diurne (D) –

une oscillation marégraphique complète quotidienne.

Jusant –

déplacement horizontal de l'eau associé à la marée descendante.

Flot –

mouvement horizontal de l'eau associé à la marée montante.

Renversement ou étale –

intervalle pendant lequel la vitesse du courant est très faible ou nul. Ce terme caractérise habituellement la période de renversement entre le jusant et le flot.

Précision des prédictions

Ports de référence et stations de référence de courant –

La précision des prédictions aux ports et aux stations de courant de référence dépend de la quantité et de la qualité des constantes marégraphiques utilisées pour les calculer. Ces constantes sont à leur tour directement reliées à la longueur de la période d'observation utilisée pour l'analyse des harmoniques à partir desquelles les constantes sont obtenues. Lorsque la période d'enregistrement le permet, on utilise des observations portant sur au moins une année.

Ports secondaires –

La précision des différences marégraphiques aux ports secondaires est aussi fonction de la qualité des constantes marégraphiques utilisées pour les calculer. Dans la plupart des cas, la période d'observation ne s'étend pas sur plus d'un mois et peut même être inférieure. Leur qualité est par conséquent affectée par les fluctuations du niveau des marées comparativement à la normale, durant cette période, à cause des conditions météorologiques.

De plus, leur précision est fortement dépendante de la similitude entre les caractéristiques de la marée aux ports secondaires et aux ports de référence. Il n'y a pas deux endroits au monde où les

marées sont identiques de sorte que même si leurs caractéristiques sont semblables, les prédictions aux ports secondaires faites en utilisant les différences marégraphiques ne peuvent être considérées aussi précises que les prédictions complètes faites pour un port de référence.

On a fait tout ce qui était possible pour établir des comparaisons entre les ports de référence et les ports secondaires qui présentent des caractéristiques marégraphiques semblables, mais cela n'a pas toujours été possible étant donné le nombre relativement faible de ports de référence disponibles. Les inexactitudes ainsi engendrées sont cependant habituellement inférieures à celles causées par les fluctuations des niveaux des marées dues aux conditions météorologiques.

Stations secondaires de courant –

La période des observations faites aux stations secondaires de courant est souvent d'un mois ou moins de sorte que les heures de renversement et de vitesse maximum sont souvent moins précises qu'aux stations de référence.

Les courants sont plus fonction de la position que ne le sont les marées et peuvent varier de façon appréciable sur des distances aussi courtes que quelques mètres. Pour chaque station de référence ou secondaire de courant, les prédictions ont trait à la latitude et à la longitude présentées dans la table 4. Dans le cas des chenaux étroits, où la latitude et la longitude ne permettent pas de définir le lieu avec suffisamment d'exactitude, les prédictions portent sur le milieu du chenal de navigation.

Effets des conditions météorologiques sur les marées

Les conditions météorologiques peuvent engendrer des différences entre les marées prédites et les marées observées. Ces différences résultent surtout de variations de la pression barométrique et des vents forts soutenus.

Une variation de la pression barométrique de 30 millibars peut causer un soulèvement ou un abaissement du niveau de la mer de 0.3 mètre environ. Une pression atmosphérique élevée produit un abaissement du niveau de la mer et une pression faible un soulèvement de ce niveau. Cet effet n'est pas instantané, mais résulte d'une variation moyenne sur une grande étendue.

L'effet du vent sur le niveau de la mer dépend de la topographie de la région ainsi que de la force et la durée du vent et du fetch. Un vent fort soufflant vers le rivage tend à soulever le niveau de la mer. Cet effet est particulièrement appréciable au fond des baies allongées peu profondes et, s'il est associé à une faible pression barométrique, peut engendrer des marées exceptionnellement élevées. Une telle montée du niveau de la mer est appelée onde de tempête. Les vents soufflant vers le large ont tendance à avoir un effet contraire.

Les courants sont particulièrement sensibles aux effets du vent. Le moment de l'étale de marée peut être avancé ou retardé considérablement par les vents forts. Dans certains cas, notamment si le courant de flot ou de jusant est faible, la direction du courant peut ne pas changer et il peut y avoir absence d'étale.

Cartes

La carte située au haut du verso de la couverture indique les limites et les numéros de tous les volumes de la série des Tables des marées et courants du Canada.

La carte du bas indique les régions générales où sont groupés les ports secondaires. Les régions sont numérotées de façon consécutive selon l'ordre géographique de distribution des ports de référence et des ports secondaires mentionnés dans le volume. La carte indique aussi l'emplacement des ports de référence et des stations de mesure des courants.

Courbes typiques des marées

Ces courbes illustrent les changements du marnage et du type de marée à mesure que celle-ci se déplace le long de la côte.

Index

L'index présente, par ordre alphabétique, la liste de tous les ports de référence et secondaires pour les marées et courants et donne un numéro qui en facilite la recherche dans les tables 3 et 4.

Explication des tables

Les tables 1 et 2 – Ports de référence
donnent les positions, les amplitudes et les niveaux d'eau extrêmes et moyens aux ports de référence.

La table 3 – Ports secondaires: Renseignements et différences des marées
donne, pour les ports secondaires, les renseignements en termes de différence de temps et de hauteur par rapport à un port de référence. Les temps et hauteurs indiqués doivent être ajoutés ou soustraits des temps et hauteurs donnés pour les ports de référence.

La table 4 – Stations de référence et secondaires des courants
donne des renseignements sur les stations de référence et secondaires de mesure des courants. Les différences de temps fournies pour l'étale et le maximum du courant aux stations secondaires sont appliquées directement aux heures données pour les ports de référence. La vitesse du courant est donné soit en pourcentage de la vitesse du courant à la station de référence, soit sous forme de vitesse maximale. Lorsqu'un pourcentage est donné, la vitesse prévue à la station secondaire est simplement exprimée en pourcentage de la vitesse à la station de référence. Aucune méthode uniforme de calcul des vitesses à partir des stations de référence n'a été établie pour les cas ou une vitesse maximale est donnée.

Les tables 5 et 5A – Fleuve Fraser
donnent les heures ainsi que les hauteurs des hautes et basses mers prédites en trois points du fleuve Fraser. Les prédictions sont données pour quatre taux de débit typique. La table 5 donne la hauteur en pieds et la table 5A la hauteur en mètres.

Les tables 6 et 6A – Intervalles de temps – Différences de hauteur
permettent à l'utilisateur de déterminer la hauteur de la marée à un port de référence à une heure donnée entre les heures indiquées pour les niveaux prédits, ou de trouver l'heure à laquelle un niveau particulier sera atteint. Elle peuvent également être utilisées pour les ports secondaires après que les heures et les hauteurs des pleines et des basses mers aient été calculées pour ces ports. Des résultats passablement exacts peuvent être obtenus lorsque la durée du flot ou du jusant se situe à l'intérieur des limites de la table.

Les tables quotidiennes – Ports et stations de référence
donnent des prédictions quotidiennes des marées et des courants.

Procédure de calcul des marées aux ports secondaires

1. Trouver le port en question dans la table 3 – Ports secondaires : Renseignements et différences des marées, et noter le fuseau horaire. Ce sera le fuseau horaire des prédictions résultantes et indépendantes de celui du port du référence

2. Noter, dans la table 3, les différences d'heure et de hauteur pour ce port.

3. Noter, dans la table 3, le nom du port de référence qui précède le port en cause.

4. Noter, dans la table 2 – Ports de référence, les hauteurs des marées moyennes et des grandes marées pour ce port de référence.

5. Noter les prédictions quotidiennes appropriées pour ce port de référence.

6. Dans la table 2, choisir les différences de temps et de hauteur appropriées. Si la hauteur prédite de la marée au port de référence est plus rapprochée de la hauteur de la grande marée dans la table 2, utiliser les différences de la grande marée. Si elle est plus rapprochée de la marée moyenne, utiliser les différences de la marée moyenne. Les différences pour la pleine et la basse mer s'appliquent de la même façon.

6a. Une méthode plus précise pour calculer les différences de hauteur consiste à faire une interpolation entre les différences de hauteur de la table 3 en utilisant le rapport déterminé par la position du niveau prédit entre la hauteur de la marée moyenne et celle de la grande marée. Si le niveau prédit ne se situe pas entre les hauteurs des marées moyennes et grandes, il faut alors effectuer une extrapolation au lieu d'une interpolation et la différence de hauteur obtenue se situera donc à l'extérieur des différences de hauteur données dans la table 3.

Exemple

Prédire les heures et hauteurs des marées du matin et de l'après–midi, le 1 er juillet au port fictif de Rock Harbour, en utilisant les tables exemples à la page xxvi.

Étape 1 Rock Harbour +4

Étape 2

	Pleine mer supérieure			Basse mer inférieure		
	Temps	Marée moyenne	Grande marée	Temps	Marée moyenne	Grande marée
	+0 30	+2.4*	+3.0	+0 20	–0.6	+0.2

Étape 3 Bay Head

Étape 4

	Pleine mer supérieure		Basse mer inférieure	
	Marée moyenne	Grande marée	Marée moyenne	Grande marée
	8.0*	14.0*	4.0	0.0

	Marée du matin		Marée de l'après–midi	
Étape 5	0720	10.0 *	1310	3.0
Étape 6	+0 30	+2.4	+0 20	–0.6
	0750	12.4	1330	2.4

** 10 pi. est plus rapprochée de 8 pi. que de 14 pi., donc la différence de la marée moyenne est utilisée. (de la même manière, pour la marée de l'après–midi, 3 pi. est plus rapprochée de 4 pi. que de 0.0 pi., donc la différence de la marée moyenne est utilisée.)*

SECONDARY PORTS

PORTS SECONDAIRES

TABLE 3
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO. / NO. D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION LONG. W. / LONG. O.	DIFFERENCES / DIFFÉRENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	HIGHER HIGH WATER MEAN TIDE / MARÉE MOYENNE	HIGHER HIGH WATER LARGE TIDE / GRANDE MARÉE	LOWER LOW WATER TIME / HEURE	LOWER LOW WATER MEAN TIDE / MARÉE MOYENNE	LOWER LOW WATER LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
			° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.
AREA RÉGION 4					on/sur BAY HEAD, pages 32-35								
0002	ROCK HARBOUR	+ 4	61 00	61 00	+0 30	+2.4	+3.0	+0 20	-0.6	+0.2	7.0	16.8	9.0

SAMPLE EXEMPLE

REFERENCE PORTS

PORTS DE RÉFÉRENCE

TABLE 2
TIDAL HEIGHTS, EXTREMES, AND MEAN WATER LEVEL
HAUTEURS DES MARÉES, EXTRÊMES ET NIVEAU MOYEN DE L'EAU

REFERENCE PORT / PORT DE RÉFÉRENCE	HEIGHTS HAUTEURS HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE MEAN TIDE / MARÉE MOYENNE		HEIGHTS HAUTEURS HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE LARGE TIDE / GRANDE MARÉE		HEIGHTS HAUTEURS LOWER LOW WATER / BASSE MER INFÉRIEURE MEAN TIDE / MARÉE MOYENNE		HEIGHTS HAUTEURS LOWER LOW WATER / BASSE MER INFÉRIEURE LARGE TIDE / GRANDE MARÉE		RECORDED EXTREMES / EXTRÊMES ENREGISTRÉS HIGHEST L.W. / EXTRÊME DE PLEINE MER		RECORDED EXTREMES / EXTRÊMES ENREGISTRÉS LOWEST L.W. / EXTRÊME DE BASSE MER		MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU	
TIDES / MARÉES		m.		m.		m.		m.		m.		m.		m.
BAY HEAD		2.4		4.3		1.2		0.0		5.5		-0.2		2.0

SAMPLE EXEMPLE

BAY HEAD EST Z+5

JULY–JUILLET

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0140		1.2	16	0230		1.3
	0720		3.0		0825		3.0
SU	1310		.9	MO	1405		1.2
DI	1940		3.4	LU	2025		3.1
2	0245		1.5	17	0340		1.5
	0830		2.8		0935		2.8
MO	1420		1.1	TU	1525		1.3
LU	2100		3.1	MA	2130		2.9
3	0355		1.4	18	0450		1.4

Procédure de calcul des hauteurs ou des heures intermédiaires

1. Noter les heures et les hauteurs de la pleine mer et de la basse mer précédant et suivant l'heure ou la hauteur voulues.

2. La différence d'heure est la durée.

3. La différence de hauteur est le marnage.

4. La différence entre l'heure voulue et l'heure de la pleine ou basse mer la plus rapprochée est l'intervalle de temps.

5. La différence entre la hauteur voulue et la hauteur de la pleine ou basse mer la plus rapprochée est la différence de hauteur.

Pour trouver la hauteur de la marée à une heure donnée

A. Dans la table 6, choisir la rangée correspondant à la durée de la marée et la suivre jusqu'à la colonne correspondant à l'intervalle de temps. Pour une plus grande précision, des interpolations peuvent être effectuées entre les heures inscrites.

B. En restant dans la même colonne, passer à la table 6A et, sur la rangée correspondant au marnage de la marée, trouver la différence de hauteur à ajouter à la basse mer ou à soustraire de la pleine mer.

Exemple

Pour trouver la hauteur de la marée à 17h20 un jour pour lequel les tables des marées indiquent :

Heure	Hauteur
0335	.4
1010	4.5
1600	.2
2230	4.5

1. Choisir les heures et les hauteurs précédant et suivant l'heure voulue

1600	.2
2230	4.5

2. Durée = 2230 – 1600 = 6 h 30 min

3. Marnage = 4.5 – 0.2 = 4.3

4. Intervalle = 1720 – 1600 = 1 h 20 min

5. Dans la table 6 de la page opposée trouver la rangée correspondant à la durée de la marée, puis suivre la ligne horizontale jusqu'à la colonne correspondant à l'intervalle de temps.

6. En restant dans la même colonne (2), passer à la table 6A et, sur la rangée correspondant au marnage de la marée, sera la différence de hauteur .43 à ajouter à .2 pour obtenir une hauteur de la marée de .63 m à 1720.

TABLE 6 – Intervalles de temps de la hauteur prédite la plus rapprochee

h min	h min	h min	h min	h min	h min	h min	h min	h min
4 00	34	39	1 01	1 11	1 20	1 29	1 37	1 45	1 52	2 00
20	37	53	1 06	1 17	1 27	1 36	1 45	1 53	2 02	2 10
40	40	57	1 11	1 23	1 33	1 43	1 53	2 02	2 11	2 20
5 00	43	1 01	1 16	1 29	1 40	1 51	2 01	2 11	2 20	2 30
20	46	1 06	1 21	1 34	1 47	1 58	2 09	2 19	2 30	2 40
40	49	1 10	1 26	1 40	1 53	2 05	2 17	2 28	2 39	2 50
6 00	52	1 14	1 31	1 46	2 00	2 13	2 25	2 37	2 49	3 00
20	55	1 18	1 36	1 52	2 07	2 20	2 33	2 46	2 58	3 10
40	57	1 22	1 41	1 58	2 13	2 28	2 41	2 54	3 07	3 20
7 00	1 00	1 26	1 46	2 04	2 20	2 35	2 49	3 03	3 17	3 30
20	1 03	1 30	1 51	2 10	2 27	2 42	2 57	3 12	3 26	3 40
40	1 06	1 34	1 56	2 16	2 33	2 50	3 05	3 21	3 35	3 50
8 00	1 09	1 38	2 02	2 22	2 40	2 57	3 13	3 29	3 45	4 00
20	1 12	1 42	2 07	2 28	2 47	3 05	3 22	3 38	3 54	4 10
40	1 15	1 47	2 12	2 33	2 53	3 12	3 30	3 47	4 03	4 20
9 00	1 18	1 51	2 17	2 39	3 00	3 19	3 38	3 55	4 13	4 30
20	1 20	1 55	2 22	2 45	3 07	3 27	3 46	4 04	4 22	4 40
40	1 23	1 59	2 27	2 51	3 13	3 34	3 54	4 13	4 32	4 50

Durée de la marée

TABLE 6A – Différences de hauteur du niveau prédit la plus rapproché

.30	.02	.03	.05	.06	.07	.09	.10	.12	.13	.15
.60	.03	.06	.09	.12	.15	.18	.21	.24	.27	.30
1.00	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
.30	.06	.13	.19	.26	.32	.39	.45	.52	.58	.65
.60	.08	.16	.24	.32	.40	.48	.56	.64	.72	.80
2.00	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
.30	.11	.23	.34	.46	.57	.69	.80	.92	1.03	1.15
.60	.13	.26	.39	.52	.65	.78	.91	1.04	1.17	1.30
3.00	.15	.30	.45	.60	.75	.90	1.05	1.20	1.35	1.50
.30	.16	.33	.49	.66	.82	.99	1.15	1.32	1.48	1.65
.60	.18	.36	.54	.72	.90	1.08	1.26	1.44	1.62	1.80
4.00	.20	.40	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00
.30	.21	.43	.64	.86	1.07	1.29	1.50	1.72	1.93	2.15
.60	.23	.46	.69	.92	1.15	1.38	1.61	1.84	2.07	2.30
5.00	.25	.50	.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50
.30	.26	.53	.79	1.06	1.32	1.59	1.85	2.12	2.38	2.65
.60	.28	.56	.84	1.12	1.40	1.68	1.96	2.24	2.52	2.80
6.00	.30	.60	.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00
.30	.31	.63	.94	1.26	1.57	1.89	2.20	2.52	2.83	3.15
.60	.33	.66	.99	1.32	1.65	1.98	2.31	2.64	2.97	3.30
7.00	.35	.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50
.30	.36	.73	1.09	1.46	1.82	2.19	2.56	2.93	3.29	3.65
.60	.38	.76	1.14	1.52	1.90	2.28	2.66	3.04	3.42	3.80
8.00	.40	.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00

Marnage de la marée

Pour trouver l'heure à laquelle la marée atteindra une hauteur donnée

A. Dans la table 6A, choisir la rangée correspondant au marnage de la marée et suivre la ligne horizontale jusqu'à la colonne correspondant à la différence de hauteur.

B. En restant dans la même colonne, passer à la table 6 et, sur la rangée correspondant à la durée de la marée, on trouvera l'intervalle de temps à ajouter à l'heure de la pleine mer précédente ou à soustraire à l'heure de la basse mer suivante.

Exemple

Pour trouver l'heure à laquelle la marée atteindra .65 m le soir du même jour que dans l'exemple précédent :

1. Choisir les heures et les hauteurs précédant et suivant la hauteur voulue.

1600	.2
2230	4.5

2. Durée = 2230 – 1600 = 6 h 30 min

3. Marnage = 4.5 – 0.2 = 4.3

4. Différence de hauteur = 0.65 – 0.2 = 0.45

5. Dans la table 6A, trouver la rangée correspondant au marnage de la marée et la suivre jusqu'à la colonne correspondant à la différence de hauteur.

6. En restant dans la même colonne (2), passer à la table 6 et, dans la rangée correspondant à la durée de la marée, on trouvera l'intervalle de temps de 1 h 20 min (par interpolation) à ajouter à 1600 pour obtenir 1720.

Note: Il est possible d'obtenir une plus grande précision en interpolant entre les valeurs fournies

Procédure de calcul des courants aux stations secondaires des courants

1. Trouver la station secondaire en question dans la table 4 et noter le nom de sa station ou de son port de référence (par exemple, "South Passage" dépend de Dodd Narrows).

2. Pour obtenir les heures de renverse et de courant maximal appliquer les différences de temps (courant de flot ou courant de jusant) de la table 4, soit aux heures correspondantes de la date choisie à la station de référence, soit aux heures inscrites pour les pleines mers ou les basses mers du port de référence, selon le cas.

3. Pour obtenir la vitesse maximale, multiplier la vitesse maximale (courant de flot ou courant de jusant) inscrite pour la date choisie à la station de référence par le pourcentage approprié de la table 4. Lorsque les pourcentages ne sont pas fournis, les vitesses maximales pour les grandes marées sont données directement.

REFERENCE AND SECONDARY CURRENT STATIONS

TABLE 4

STATIONS DE RÉFÉRENCE ET STATIONS SECONDAIRES DES COURANTS

INFORMATION RATES AND TIME DIFFERENCES
INFORMATION VITESSES ET DIFFÉRENCES DE TEMPS

INDEX NO. / NO. D'INDEX	CURRENT STATION / STATION DE COURANT	DIR. OF FLOOD / DIR. DU FLOT	POSITION / POSITION		TIME DIFFERENCES (ON PST) / DIFFÉRENCES DE TEMPS (SUR L'HNP)				MAXIMUM RATE‡ / VITESSE MAX. ‡		%REF. RATE† / % VIT. REF. †	
			LAT. N. / LAT. N.	LONG. W. / LONG. O.	TURN TO FLOOD / RENV. VERS FLOT	MAXIMUM FLOOD / FLOT MAXIMUM	TURN TO EBB / RENV. VERS JUSANT	MAXIMUM EBB / JUSANT MAXIMUM	FLOOD / FLOT	EBB / JUSANT	FLOOD / FLOT	EBB / JUSANT
	SECONDARY STATION / STATION SECONDAIRE	degrees true / degrés vrais	° ′	° ′	h min	h min	h min	h min	knots / noeuds	knots / noeuds	%	%
			on/sur DODD NARROWS, pages 76-79									
8888	SOUTH PASSAGE	110	49 24	126 07	+0 30	+0 10	+0 35	+0 15			90	85

SAMPLE EXEMPLE

Publications

Le ministère des Pêches et des Océans publie diverses publications donnant une large gamme de renseignements sur les marées, les courants et les niveaux d'eau dans tout le Canada. Ces publications, dont la liste est donnée ci-après, peuvent être obtenues des bureaux de distribution des cartes du Service hydrographique du Canada, à Ottawa, Ontario (code postal (K1G 3H6), ou à Sidney, Colombie-Britannique (code postal V8L 4B2).

Tables des marées et courants du Canada – publiées en 6 volumes.

Volume 1 – Côte de l'Atlantique et baie de Fundy
Volume 2 – Golfe du Saint-Laurent
Volume 3 – Fleuve Saint-Laurent et rivière Saguenay
Volume 4 – L'Arctique et la baie d'Hudson
Volume 5 – Détroits de Juan de Fuca et de Georgia
Volume 6 – Baie Barkley et Passage Discovery jusqu'à l'Entrée Dixon

On peut également se procurer les volumes suivants sous forme combinée:
Côte Atlantique – Volumes 1 à 4

Les marées dans les eaux du Canada –
Une brochure d'information bien illustrée donnant un exposé sommaire de la théorie des marées dans le contexte des eaux du Canada.

Moyennes mensuelles et annuelles des niveaux d'eau –
Publication présentant sous forme de tableaux, les niveaux d'eau mensuels et annuels moyens pendant toute la période d'exploitation des marégraphes permanents du Service hydrographique du Canada. On y présente aussi les moyennes des niveaux mensuels et annuels pour une période de dix ans et pour toute la période d'exploitation.

Marées et niveaux de l'eau – Repères de nivellement –
Les descriptions des repères de nivellement individuels peuvent être obtenues des bureaux régionaux des marées dont la liste est donnée à la page xxxiii. Les repères sont indiqués en fonction du zéro des cartes marines du Service hydrographique du Canada et sont situés le long des côtes et sur les rivages représentés sur ces cartes. Le numéro ou le nom de chaque repère d'un nivellement est donné ainsi que son altitude par rapport au zéro de la carte et une description complète de son emplacement. On y trouve aussi généralement un croquis indiquant la position du repère par rapport à des amers voisins. Les évaluations et descriptions des repères sont régulièrement mises à jour et les vieilles descriptions, etc. ne doivent pas être utilisées.

Manuel canadien des marées –
Ouvrage de référence faisant autorité sur la théorie et les procédures d'obtention et d'utilisation de renseignements sur les marées, les courants et les niveaux de l'eau au cours des levées hydrographiques et d'autres activités connexes.

Atlas des courants de marée –

Tidal Current Charts, Vancouver Harbour
Tidal Current Charts, Yuculta Rapids
Tidal Current Charts, St. Lawrence Estuary
Atlas des courants, détroit de Juan de Fuca et golfe de Georgia
Tidal Currents, Bay of Fundy and Gulf of Maine

Service de recherche et de sauvetage

Tout capitaine de navire en détresse requérant de l'aide ou toute autre personne sachant qu'un navire est en détresse doit communiquer immédiatement avec le Centre de coordination du sauvetage (CCS) ou le Centre secondaire de sauvetage maritime (CSSM) approprié. Les messages peuvent être acheminés sans frais par l'entremise de toute station-radio de la Garde côtière ou d'un centre du trafic maritime (CTM) ou retransmis par tout navire de la Garde côtière canadienne ou tout navire de guerre canadien de Sa Majesté ou directement par radiotéléphonie ou radiotélégraphie.

Les rapports de détresse peuvent être communiqués sans frais directement par téléphone au CCS ou au CSSM approprié en appelant la téléphoniste et en mentionnant qu'il s'agit d'un cas de "détresse en mer".

Terre-Neuve et Labrador	CCSM St. John's, T.-N	709	772-5151
Région de l'Atlantique	CCS Halifax, N.-É.	902	427-8200 ou 1-800-565-1582
Fleuve Saint-Laurent	CCSM Québec,Qué.	418	648-3599 ou 1-800-463-4393
Grands Lacs	CCS Trenton, Ont.	613	392-2811 Local 3870 ou 1-800-267-7270
Région de l'Arctique	CCS Edmonton, Alta.	403	973-4402 ou 1-800-661-5631
Côte ouest	CCS Victoria, C.-B.	604	380-2333 or 666-8087 ou 1-800-742-1313

Ces centres de sauvetage sont constamment informés de la position de tous les navires du gouvernement canadien et se chargent d'assigner l'aide de sauvetage nécessaire.

Prédictions supplémentaires canadiennes

Des prédictions horaires des marées ou des courants peuvent être fournies pour tous les ports de référence et toutes les stations de mesure des courants mentionnés dans la présente publication. Des prédictions des pleines mers et des basses mers ou des prédictions horaires peuvent également être fournies pour la plupart des ports secondaires de la table 3, à l'exception cependant de ceux pour lesquels ne figure pas le "niveau moyen de l'eau". Les prédictions horaires peuvent être obtenues avec des en–têtes en anglais ou en français. Les prédictions horaires des courants sont données en noeuds et les prédictions horaires des marées sont données en pieds ou en mètres. Les prédictions des pleines et des basses mers sont fournies avec des en–têtes bilingues et sont en pieds ou en mètres. Les prédictions sont normalement fournies sous forme d'imprimés d'ordinateur mais il est aussi possible de les obtenir dans certains formats informatiques compatibles. Des frais normalisés sont exigés pour la préparation des prédictions supplémentaires. La liste de ces frais est disponible sur demande.

Ces prédictions sont préparées afin de rendre service aux utilisateurs et complètent, mais ne remplacent pas, les tables des marées et courants du Canada où sont présentées les prédictions officielles des marées pour le Canada.

Les demandes concernant ce service doivent préciser le numéro et le nom du port ou de la station figurant à l'index, la période de prévision et les options choisies. Les demandes doivent être adressées au:

Service hydrographique du Canada
Ministère des Pêches et des Océans

à:

615, rue Booth, **Ottawa**, (Ont.) K1A 0E6

Institut océanographique de Bedford, **Dartmouth**, (N.–É.)
B2Y 4A2

Institut Maurice Lamontagne, **Mont–Joli**, (Qué.)
G5H 3Z4

Centre Canadien des eaux intérieures, **Burlington**, (Ont.)
L7R 4A6

Institut des sciences de la mer, **Sidney**, (C.–B.)
V8L 4B2

ou à:

Direction des services des données sur le milieu marin
Ministère des Pêches et des Océans
1202–200, rue Kent, **Ottawa**, Ontario
K1A 0E6

Remerciements

Les présentes tables et prédictions pour les eaux canadiennes ont été préparées par le Service des données sur le milieu marin du ministère des Pêches et des Océans. Les prédictions pour les eaux américaines ont été obtenues du Département du commerce des États–Unis en vertu d'une entente internationale de réciprocité.

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TABLE 1
INFORMATION AND RANGE
RENSEIGNEMENTS ET MARNAGE

REFERENCE PORT / PORT DE RÉFÉRENCE	INDEX NO. / NO. D'INDEX	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LATITUDE NORTH / LATITUDE NORD		POSITION LONGITUDE WEST / LONGITUDE OUEST		TYPE OF TIDE / GENRE DE MARÉES	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE		RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	
			°	′	°	′		ft. / pi.	m.	ft. / pi.	m.
SOOKE	7020	+ 8	48	22	123	44	MSD	[illegible]	2.0	[illegible]	3.2
VICTORIA	7120	+ 8	48	25	123	22	MD	[illegible]	1.8	[illegible]	3.1
PORT TOWNSEND	7160	+ 8	48	07	122	45	MSD	[illegible]	2.5	[illegible]	3.7
SEATTLE	7180	+ 8	47	36	122	20	MSD	[illegible]	3.5	[illegible]	5.5
FULFORD HARBOUR	7330	+ 8	48	46	123	27	MSD	[illegible]	2.4	[illegible]	3.8
VANCOUVER	7735	+ 8	49	17	123	07	MSD	[illegible]	3.3	[illegible]	4.9
POINT ATKINSON	7795	+ 8	49	20	123	15	MSD	10.7	3.3	[illegible]	4.9

REFERENCE PORTS PORTS DE RÉFÉRENCE

TABLE 2
TIDAL HEIGHTS, EXTREMES, AND MEAN WATER LEVEL
HAUTEURS DES MARÉES, EXTRÊMES ET NIVEAU MOYEN DE L'EAU

REFERENCE PORT / PORT DE RÉFÉRENCE	HEIGHTS HAUTEURS: HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE: MEAN TIDE / MARÉE MOYENNE		HIGHER HIGH WATER: LARGE TIDE / GRANDE MARÉE		LOWER LOW WATER / BASSE MER INFÉRIEURE: MEAN TIDE / MARÉE MOYENNE		LOWER LOW WATER: LARGE TIDE / GRANDE MARÉE		RECORDED EXTREMES / EXTRÊMES ENREGISTRÉS: HIGHEST H.W. / EXTRÊME DE PLEINE MER		RECORDED EXTREMES: LOWEST L.W. / EXTRÊME DE BASSE MER		MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU	
	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.	ft. / pi.	m.
SOOKE	[illegible]	2.8	[illegible]	3.6	[illegible]	0.8	[illegible]	0.3	[illegible]	3.9	[illegible]	-0.2	[illegible]	1.9
VICTORIA	[illegible]	2.5	[illegible]	3.3	[illegible]	0.7	[illegible]	0.2	[illegible]	3.7	[illegible]	-0.5	[illegible]	1.9
PORT TOWNSEND	[illegible]	2.5	[illegible]	3.0	[illegible]	0.0	[illegible]	-0.7	[illegible]	—	[illegible]	—	[illegible]	1.6
SEATTLE	[illegible]	3.4	[illegible]	4.2	[illegible]	-0.1	[illegible]	-1.3	[illegible]	—	[illegible]	—	[illegible]	2.0
FULFORD HARBOUR	[illegible]	3.2	[illegible]	3.7	[illegible]	0.8	[illegible]	-0.1	[illegible]	4.4	[illegible]	-0.5	[illegible]	2.3
VANCOUVER	[illegible]	4.4	[illegible]	5.0	[illegible]	1.1	[illegible]	0.0	[illegible]	5.6	[illegible]	-0.3	[illegible]	3.1
POINT ATKINSON	[illegible]	4.4	[illegible]	5.0	[illegible]	1.1	[illegible]	0.1	[illegible]	5.6	[illegible]	-0.4	[illegible]	3.1

TABLE 3
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO. / NO. D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION LONG. W. / LONG. O.	DIFFERENCES / DIFFÉRENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	HIGHER HIGH WATER MEAN TIDE / MARÉE MOYENNE	HIGHER HIGH WATER LARGE TIDE / GRANDE MARÉE	LOWER LOW WATER TIME / HEURE	LOWER LOW WATER MEAN TIDE / MARÉE MOYENNE	LOWER LOW WATER LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
			° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.
	AREA 1 / RÉGION 1												
	JUAN DE FUCA STRAIT												
						on/sur SOOKE, pages 2-5							
	VANCOUVER ISLAND												
7010	POINT NO POINT	+ 8	48 24	123 58	-0 21	+0.1	+0.1	-0 50	0.0	+0.2	6.7	10.5	6.3
7024	SOOKE BASIN	+ 8	48 23	123 41	+0 10	-0.1	-0.9	+0 53	0.0	+0.7	6.3	9.3	6.0
7030	BECHER BAY	+ 8	48 20	123 38	+0 02	-0.7	-0.6	-0 06	-0.5	-0.6	6.4	10.6	5.8
	WASHINGTON STATE												
7050	CRESCENT BAY	+8	48 10	123 44	+0 23	-2.3	-2.4	-0 02	-2.6	-2.8	6.7	11.1	4.1
7060	PORT ANGELES	+8	48 07	123 26	+0 41	-2.5	-2.5	+0 20	-2.6	-2.9	6.5	11.3	4.4
						on/sur VICTORIA, pages 18-21							
	VANCOUVER ISLAND												
7080	PEDDER BAY	+ 8	48 20	123 33	-0 21	-0.1	-0.1	-0 17	-0.1	0.0	6.0	10.2	6.0
7082	WILLIAM HEAD	+ 8	48 20	123 32	-0 17	-0.4	-0.4	-0 13	-0.2	0.0	5.5	8.9	5.8
7110	ESQUIMALT	+ 8	48 26	123 25	-0 06	0.0	+0.1	-0 04	-0.1	-0.4	6.1	10.8	6.1
7115	CLOVER POINT	+ 8	48 24	123 21	+0 18	+0.1	+0.1	0 00	-0.1	-0.2	6.2	10.6	6.2
7125	PORTAGE INLET	+ 8	48 28	123 24	*								
7130	OAK BAY	+ 8	48 26	123 18	+0 58	+0.3	+0.5	+0 22	+0.1	-0.3	6.2	11.1	6.6
	AREA 2 / RÉGION 2												
	PUGET SOUND TO SAN JUAN ISLAND												
						on/sur FULFORD HARBOUR, pages 42-45							
7140	FINNERTY COVE	+ 8	48 28	123 18	-0 02	-1.6	-1.2	-0 29	-0.4	+0.1	6.7	11.2	6.5
	ROSARIO STRAIT												
7194	YOKEKO POINT	+ 8	48 25	122 37	-0 19	+0.3	+0.2	+0 28	-3.1	-3.6	11.2	16.7	6.1
7196	RESERVATION BAY	+ 8	48 25	122 40	-1 12	-3.1	-3.2	-0 37	-2.4	-1.9	7.1	11.5	4.7
7215	BELLINGHAM	+ 8	48 45	122 30	-0 10	-2.0	-2.3	+0 11	-2.5	-2.1	8.3	12.7	5.2
	SAN JUAN CHANNEL												
7240	FRIDAY HARBOUR	+ 8	48 33	123 00	0 00	-2.7	-2.9	+0 04	-2.6	-2.1	7.7	12.1	4.8

*PORTAGE INLET: There is a great variation in the time differences with Victoria. A long stand at high water is followed by a small drop to the next low water. The latter, at Portage Inlet, occurs at or near 6.0 feet on the rising tide at Victoria. The range of the tide is about 50% of that at Victoria.

*PORTAGE INLET: Il y a une grande variation en différences de temps avec Victoria. Une longue durée de mer haute est suivie par une petite baisse à la prochaine basse mer. Cette dernière, à Portage Inlet, se produit près du 6.0 pieds de la marée montante à Victoria. Le marnage de la marée est a peu près 50% de celle à Victoria.

TABLE 3 Cont'd/Suite
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO. / NO. D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION / POSITION LONG. W. / LONG. O.	DIFFERENCES / DIFFÉRENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	HIGHER HIGH WATER MEAN TIDE / MARÉE MOYENNE	HIGHER HIGH WATER LARGE TIDE / GRANDE MARÉE	LOWER LOW WATER TIME / HEURE	LOWER LOW WATER MEAN TIDE / MARÉE MOYENNE	LOWER LOW WATER LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
			° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi
	AREA 3 / RÉGION 3												
	S.E. VANCOUVER ISLAND AND GULF ISLANDS												
					on/sur FULFORD HARBOUR, pages 42-45								
	HARO STRAIT												
7255	SAANICHTON BAY	+ 8	48 36	123 23	-0 12	-0.4	-0.3	-0 18	0.0	+0.1	7.5	12.1	7.2
7260	SIDNEY	+ 8	48 39	123 24	-0 07	-0.8	-0.6	-0 17	-0.7	-0.8	7.8	12.5	6.7
7270	SWARTZ BAY	+ 8	48 41	123 24	-0 05	-0.1	+0.1	-0 04	0.0	+0.1	7.8	12.5	7.4
	SAANICH INLET												
7277	PATRICIA BAY	+ 8	48 39	123 27	+0 01	-0.1	+0.2	+0 05	0.0	0.0	7.8	12.7	7.4
7280	BRENTWOOD BAY	+ 8	48 35	123 28	+0 07	+0.1	+0.1	+0 02	-0.3	-0.3	8.0	12.5	7.4
7284	FINLAYSON ARM	+ 8	48 30	123 33	+0 02	-0.1	+0.1	+0 04	0.0	+0.1	7.8	12.5	7.4
	SATELLITE CHANNEL												
7310	COWICHAN BAY	+ 8	48 44	123 37	-0 04	+0.3	+0.6	+0 06	+0.3	+0.4	7.9	12.7	7.8
7315	MAPLE BAY	+ 8	48 49	123 37	0 00	+1.5	+1.6	+0 11	+0.6	+0.4	8.8	13.7	8.5
	BOUNDARY PASS												
7345	NARVAEZ BAY	+ 8	48 46	123 06	+0 07	+0.6	+0.6	+0 20	0.0	-0.2	8.5	13.3	7.7
7350	BEDWELL HARBOUR	+ 8	48 44	123 14	-0 08	-0.1	-0.1	+0 05	-0.1	-0.1	7.9	12.5	7.3
7360	HOPE BAY	+ 8	48 48	123 16	+0 14	+0.2	+0.7	+0 19	+0.2	+0.4	7.9	12.8	7.7
7370	SAMUEL I. SOUTH SHORE	+ 8	48 48	123 12	+0 10	+0.3	+0.6	+0 10	+0.2	+0.2	8.0	12.9	7.8
	TRINCOMALI CHANNEL												
7407	GANGES HARBOUR	+ 8	48 51	123 30	-0 03	+0.1	+0.5	+0 08	+0.1	+0.1	7.9	12.9	7.6
7414	VILLAGE BAY	+ 8	48 51	123 19	0 00	+0.1	+0.4	+0 04	+0.2	+0.3	7.8	12.6	7.6
7420	MONTAGUE HARBOUR	+ 8	48 53	123 23	-0 04	+0.9	+1.3	+0 07	+0.6	+0.6	8.2	13.2	8.3
7437	PORLIER PASS	+ 8	49 01	123 35	-0 05	+1.6	+2.3	+0 33	+0.3	-0.2	9.2	15.0	8.5
7445	DEGNEN BAY	+ 8	49 08	123 43	-0 03	+0.7	+1.1	+0 27	0.0	-0.2	8.6	13.8	7.9
	STUART CHANNEL												
7450	CROFTON	+ 8	48 52	123 39	+0 02	+1.0	+1.3	+0 14	+0.3	+0.1	8.6	13.7	8.1
7455	CHEMAINUS	+ 8	48 55	123 42	+0 02	+1.3	+1.7	+0 14	0.0	-0.3	9.2	14.5	8.3
7460	LADYSMITH	+ 8	48 59	123 47	-0 01	+1.3	+1.6	+0 11	+0.3	+0.1	8.9	14.0	8.3
7471	PREEDY HARBOUR	+ 8	48 59	123 40	-0 01	+1.2	+1.6	+0 15	+0.2	-0.1	8.9	14.2	8.3
					on/sur POINT ATKINSON, pages 50-53								
	STRAIT OF GEORGIA												
7510	TUMBO CHANNEL	+ 8	48 47	123 06	+0 13	-2.3	-2.5	-0 05	-0.7	-0.3	9.1	14.0	8.5
7515	SAMUEL I. NORTH SHORE	+ 8	48 49	123 12	+0 17	-2.2	-2.1	-0 02	-0.8	-0.4	9.3	14.5	8.6
7525	GEORGINA POINT	+ 8	48 52	123 17	+0 13	-1.9	-1.8	+0 03	-0.6	-0.1	9.4	14.5	8.8

TABLE 3 Cont'd/Suite
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO. / NO. D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION / POSITION LONG. W. / LONG. O.	DIFFERENCES / DIFFÉRENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	HIGHER HIGH WATER MEAN TIDE / MARÉE MOYENNE	HIGHER HIGH WATER LARGE TIDE / GRANDE MARÉE	LOWER LOW WATER TIME / HEURE	LOWER LOW WATER MEAN TIDE / MARÉE MOYENNE	LOWER LOW WATER LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
			° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi
	AREA 3 / RÉGION 3												
	S.E. VANCOUVER ISLAND AND GULF ISLANDS				on/sur POINT ATKINSON, pages 50-53								
7528	MINERS BAY	+ 8	48 51	123 18	+0 08	-2.5	-2.6	-0 06	-0.7	-0.3	8.9	13.9	8.4
7532	WHALER BAY	+ 8	48 53	123 20	+0 13	-1.5	-1.6	+0 01	-0.8	-0.7	10.0	15.3	8.9
7535	DIONISIO POINT	+ 8	49 01	123 34	+0 13	-0.3	-0.8	+0 05	-0.1	-0.1	10.5	15.5	9.8
7542	VALDES ISLAND	+ 8	49 03	123 37	-0 02	-0.5	-0.6	-0 03	-0.2	0.0	10.4	15.8	9.7
7550	SILVA BAY	+ 8	49 09	123 42	+0 05	+0.3	+0.3	+0 04	+0.3	+0.3	10.7	16.2	10.4
	AREA 4 / RÉGION 4												
	STRAIT OF GEORGIA MAINLAND SHORE												
	BOUNDARY BAY												
7570	BLAINE	+ 8	49 00	122 46	-0 13	-5.1	-5.4	-0 24	-3.8	-3.0	9.4	14.0	5.6
7577	WHITE ROCK	+ 8	49 01	122 48	+0 05	-1.2	-1.6	-0 15	-0.4	+0.1	9.6	14.9	9.2
7579	CRESCENT BEACH	+ 8	49 02	122 53	-0 01	-1.5	-1.8	-0 07	-0.1	+0.9	9.1	14.0	9.2
	FRASER DELTA												
7590	TSAWWASSEN	+ 8	49 00	123 08	-0 10	-0.8	-0.8	-0 20	-0.1	0.0	10.0	15.4	9.7
7594	SAND HEADS	+ 8	49 06	123 18	-0 07	-0.5	-0.5	-0 07	0.0	0.0	10.2	15.7	9.7
	BURRARD INLET												
7710	FALSE CREEK	+ 8	49 16	123 08	+0 16	-0.1	-0.1	+0 07	-0.3	-0.8	10.9	16.7	9.9
	FRASER RIVER				see/voir tables 5-5A, pages xL-xLi								
					on/sur VANCOUVER, pages 46-49								
7755	PORT MOODY	+ 8	49 17	122 52	+0 23	+0.2	+0.4	-0 04	-0.1	0.0	11.0	16.8	10.1
7765	DEEP COVE	+ 8	49 20	122 57	+0 30	+0.2	+0.5	-0 08	+0.1	+0.5	10.8	16.2	10.3
7771	BUNTZEN LAKE	+ 8	49 22	122 53	+0 49	-0.3	0.0	+0 15	-0.4	-0.2	10.8	16.4	9.8
	HOWE SOUND				on/sur POINT ATKINSON, pages 50-53								
7811	SQUAMISH	+ 8	49 42	123 09	+0 02	+0.3	+0.3	+0 03	+0.1	+0.1	10.8	16.9	10.3
7820	GIBSONS	+ 8	49 24	123 30	0 00	+0.4	+0.5	-0 02	+0.2	+0.1	10.9	16.8	10.4
	STRAIT OF GEORGIA												
7824	ROBERTS CREEK	+ 8	49 25	123 38	+0 02	+0.1	+0.3	0 00	+0.2	+0.1	10.8	16.4	10.3
7830	HALFMOON BAY	+ 8	49 31	123 55	-0 03	+0.3	+0.5	-0 01	0.0	-0.2	11.0	16.9	10.3
	MALASPINA STRAIT												
7836	IRVINES LANDING	+ 8	49 38	124 03	+0 02	+0.7	+1.0	+0 04	+0.3	+0.1	11.1	17.1	10.7
7837	PENDER HARBOUR	+ 8	49 38	124 02	+0 07	+0.3	+0.4	+0 08	+0.2	0.0	10.8	16.6	10.4

TABLE 3 Cont'd/Suite
INFORMATION AND TIDAL DIFFERENCES
RENSEIGNEMENTS ET DIFFÉRENCES DES MARÉES

INDEX NO. / NO. D'INDEX	SECONDARY PORT / PORT SECONDAIRE	TIME ZONE / FUSEAU HORAIRE	POSITION / POSITION LAT. N.	POSITION / POSITION LONG. W. / LONG. O.	DIFFERENCES / DIFFÉRENCES HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE TIME / HEURE	HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE MEAN TIDE / MARÉE MOYENNE	HIGHER HIGH WATER / PLEINE MER SUPÉRIEURE LARGE TIDE / GRANDE MARÉE	LOWER LOW WATER / BASSE MER INFÉRIEURE TIME / HEURE	LOWER LOW WATER / BASSE MER INFÉRIEURE MEAN TIDE / MARÉE MOYENNE	LOWER LOW WATER / BASSE MER INFÉRIEURE LARGE TIDE / GRANDE MARÉE	RANGE / MARNAGE MEAN TIDE / MARÉE MOYENNE	RANGE / MARNAGE LARGE TIDE / GRANDE MARÉE	MEAN WATER LEVEL / NIVEAU MOYEN DE L'EAU
	AREA 4 / RÉGION 4		° ′	° ′	h. m.	ft. / pi.	ft. / pi.	h. m.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.	ft. / pi.
	STRAIT OF GEORGIA MAINLAND SHORE												
	SCHELT INLET				on/sur POINT ATKINSON, pages 50-53								
7842	EGMONT	+ 8	49 45	123 56	+0 10	+0.9	+1.1	+0 09	-0.1	-0.6	11.7	17.9	10.5
7847	STORM BAY	+ 8	49 40	123 45	+2 39	-6.4	-6.9	+2 03	-2.2	-0.7	6.5	10.0	5.6
7852	PORPOISE BAY	+ 8	49 29	123 45	+2 50	-6.4	-6.9	+2 00	-1.9	-0.4	6.2	9.7	5.7
	JERVIS INLET												
7865	BLIND BAY	+ 8	49 43	124 11	+0 07	-0.5	-0.3	+0 03	-1.4	-1.8	11.6	17.7	9.2
7868	SALTERY BAY	+ 8	49 47	124 11	+0 02	+0.8	+1.0	+0 06	+0.1	-0.1	11.4	17.3	10.6
	POWELL RIVER APPROACHES												
7875	BLUBBER BAY	+ 8	49 48	124 37	+0 11	+0.8	+1.4	+0 12	+0.2	0.0	11.3	17.6	10.8
7880	POWELL RIVER	+ 8	49 52	124 33	+0 05	+1.0	+1.2	+0 10	+0.2	0.0	11.5	17.4	10.8
	STRAIT OF GEORGIA NORTH												
7885	LUND	+ 8	49 59	124 46	+0 08	+1.2	+1.5	+0 11	+0.4	+0.1	11.5	17.6	11.0
7892	TWIN ISLANDS	+ 8	50 02	124 56	+0 07	+0.8	+0.9	+0 14	0.0	-0.3	11.5	17.4	10.5
7895	MITLENATCH ISLAND	+ 8	49 57	125 00	+0 09	+0.6	+1.1	+0 15	-0.1	-0.4	11.4	17.7	10.5
	AREA 5 / RÉGION 5												
	STRAIT OF GEORGIA VANCOUVER ISLAND												
	GABRIOLA ISLAND TO HORNBY ISLAND												
7913	HARMAC	+ 8	49 08	123 51	+0 14	-0.1	-0.2	+0 07	-0.3	-0.3	10.9	16.3	9.9
7917	NANAIMO	+ 8	49 10	123 56	+0 11	-0.5	-0.2	+0 08	-0.2	-0.2	10.4	16.2	9.8
7935	WINCHELSEA ISLANDS	+ 8	49 18	124 05	+0 04	+0.4	+0.5	+0 05	+0.2	+0.1	10.9	16.6	10.4
7938	NORTHWEST BAY	+ 8	49 18	124 12	+0 05	+0.6	+0.7	+0 05	+0.3	+0.2	11.0	16.7	10.6
7953	HORNBY ISLAND	+ 8	49 30	124 41	+0 13	+0.5	+0.7	+0 18	+0.1	0.0	11.1	16.9	10.5
	BAYNES SOUND												
7955	DENMAN ISLAND	+ 8	49 32	124 49	+0 08	+0.8	+0.9	+0 09	+0.3	+0.2	11.2	17.1	10.8
7965	COMOX	+ 8	49 40	124 55	+0 03	+0.9	+1.2	+0 12	+0.3	+0.1	11.3	17.3	10.8
	LASQUETI AND TEXADA IS.												
7982	FALSE BAY	+ 8	49 30	124 21	+0 07	+0.6	+0.7	+0 07	+0.2	0.0	11.1	16.9	10.5
7990	WELCOME BAY	+ 8	49 42	124 33	+0 07	+0.7	+0.5	+0 08	+0.3	-0.4	11.1	17.1	10.4
7993	LITTLE RIVER	+ 8	49 44	124 55	+0 03	+0.9	+1.1	+0 08	+0.2	0.0	11.4	17.3	10.7

ADDITIONAL INFORMATION (SEE CANADIAN NOTICES TO MARINERS, WEEKLY EDITION NO. 46)
RENSEIGNEMENTS SUPPLÉMENTAIRES (VOIR AVIS CANADIENS AUX NAVIGATEURS, ÉDITION HEBDOMADAIRE NO. 46)

REFERENCE AND SECONDARY CURRENT STATIONS

TABLE 4

STATIONS DE RÉFÉRENCE ET STATIONS SECONDAIRES DES COURANTS

INFORMATION RATES AND TIME DIFFERENCES
INFORMATION VITESSES ET DIFFÉRENCES DE TEMPS

INDEX NO. / NO. D'INDEX	CURRENT STATION / STATION DE COURANT	DIR. OF FLOOD / DIR. DU FLOT	POSITION / POSITION LAT. N.	POSITION LONG. W. / LONG. O.	TIME DIFFERENCES (ON PST) / DIFFÉRENCES DE TEMPS (SUR L'HNP) TURN TO FLOOD / RENV. VERS FLOT	MAXIMUM FLOOD / FLOT MAXIMUM	TURN TO EBB / RENV. VERS JUSANT	MAXIMUM EBB / JUSANT MAXIMUM	MAXIMUM RATE ‡ / VITESSE MAX. ‡ FLOOD / FLOT	EBB / JUSANT	%REF. RATE† / % VIT. REF.† FLOOD / FLOT	EBB / JUSANT
	REFERENCE STATION / STATION DE RÉFÉRENCE	°true / °vrai	° ′	° ′	h min	h min	h min	h min	knots / noeuds	knots / noeuds	%	%
9000	JUAN DE FUCA-WEST		48 27	124 35					1.5	2.5		
1100	JUAN DE FUCA-EAST		48 14	123 32					3.0	4.0		
1200	RACE PASSAGE		48 18	123 32					6.0	7.0		
2100	ADMIRALTY INLET		48 02	122 38					4.0	4.0		
2200	DECEPTION PASS		48 24	122 39					8.0	9.0		
3000	ACTIVE PASS		48 52	123 18					8.0	8.0		
3100	PORLIER PASS		49 01	123 35					9.0	8.0		
3300	GABRIOLA PASSAGE		49 08	123 42					8.5	9.0		
3500	DODD NARROWS		49 08	123 49					9.0	8.0		
4000	FIRST NARROWS		49 19	123 08					6.0	6.0		
4100	SECOND NARROWS		49 18	123 01					6.0	6.0		
4200	SECHELT RAPIDS		49 44	123 54					14.5	16.0		
	SECONDARY STATION / STATION SECONDAIRE											
	on/sur JUAN DE FUCA-EAST, pages 58-61											
1110	RIVER JORDAN	110	48 19	124 05	-0 50	-0 30	-0 15	-0 25			70	70
	on/sur RACE PASSAGE, pages 62-65											
1225	BAYNES CHANNEL	040	48 26	123 16	-0 15	-0 15	-0 15	-0 15			75	75
1230	HARO STRAIT(HAMLEY PT.)	350	48 35	123 14	+1 25	+1 35	+2 30(a)	+1 40			45	45
1232	SIDNEY CHANNEL	330	48 37	123 20	+1 00	+1 30	+1 30	+0 40			35	30
1240	SWANSON CHANNEL	330	48 47	123 20	+1 40	+1 25	+1 25	+1 35			25	20
1260	BOUNDARY PASSAGE	070	48 45	123 05	+1 00	+1 10	+1 00	+1 10			50	40
1275	TRINCOMALI CHANNEL	320	48 53	123 27	+0 35	+0 50	+0 50	+0 45			15	15
	on/sur VICTORIA, pages 18-21				LW (b)		HW (b)					
1305	GORGE-TILLICUM BRIDGE	290	48 27	123 24	+3 15		+1 15		5.0	7.0		
	on/sur ADMIRALTY INLET, pages 66-69											
2120	ROSARIO STRAIT	090	48 28	122 47	-0 20		-1 10		2.5	3.5		
	on/sur ACTIVE PASS, pages 74-77											
3010	GEORGESON PASSAGE	315	48 50	123 14	-0 15	-0 40	-0 45	-0 30			50	55
3012	BOAT PASSAGE	055	48 49	123 11	-0 15	-0 40	-0 45	-0 30			100	100
3050	SANSUM NARROWS	000	48 47	123 33	+0 25		-0 35		3.0	3.0		
	on/sur DODD NARROWS, pages 86-89											
3510	FALSE NARROWS	295	49 08	123 47	+0 10	+0 25	+0 25	-0 35			50	55
	on/sur SECHELT RAPIDS, pages 98-101											
4210	TZOONIE NARROWS	050	49 43	123 48	+0 10	+0 10	+0 10	+0 10			20	20
	on/sur POINT ATKINSON, pages 50-53											
4375	PRINCESS LOUISA INLET	065	50 10	123 51	LW +0 35		HW +0 25		9.0	9.0		

(a) IF THE PRECEDING FLOOD CURRENT AT RACE PASSAGE WAS LESS THAN 2.0 KNOTS, ADD 1 HOUR 10 MINUTES.

(b) TIME DIFFERENCES WITH HIGH AND LOW WATERS AT VICTORIA ARE APPROXIMATE AND MAY VARY BY AS MUCH AS 1 HOUR.

(a) SI LE COURANT DE FLOT PRECEDENT A RACE PASSAGE ÉTAIT INFÉRIEUR A 2.0 NOEUDS, AJOUTER 1 HEURE 10 MINUTES.

(b) LES DIFFERENCES DE TEMPS ENTRE LA BASSE ET LA PLEINE MER À VICTORIA SONT APPROXIMATIVES ET PEUVENT VARIER DE PLUS 1 HEURE.

† % of predicted rate at Reference Station. See Page xv / % de vitesse prédite à la Station de Référence. Voir Page xxx.

‡ At large tides / Aux grandes marées.

TABLE 5
TIDAL HEIGHTS AND TIME DIFFERENCES *
HAUTEURS DES MARÉES ET DIFFÉRENCES DE TEMPS *

FRASER RIVER

A–STEVESTON B–DEAS ISLAND C–NEW WESTMINSTER

POINT ATKINSON HW or LW PM ou BM	TIDAL HEIGHTS / HAUTEURS DES MARÉES — DISCHARGE AT HOPE / DÉBIT À HOPE												TIME DIFFERENCES / DIFFÉRENCES DE TEMPS		
	25,000 c.f.s.			100,000 c.f.s.			200,000 c.f.s.			300,000 c.f.s.					
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	ft./pi.	h min	h min	h min
16	12.5	11.0	7.5	13.0	11.5	8.5	13.0	12.0	9.5	13.0	12.5	11.5	05	10	50
15	12.0	10.5	6.5	12.0	10.5	7.5	12.0	11.0	8.5	12.5	11.5	11.0	05	10	45
14	11.0	9.5	5.5	11.0	10.0	7.0	11.5	10.5	8.0	11.5	11.0	10.5	05	10	45
13	10.0	8.5	5.0	10.5	9.0	6.0	10.5	9.5	8.0	10.5	10.5	10.0	05	15	40
12	9.0	8.0	4.5	9.5	8.0	5.5	9.5	9.0	7.5	10.0	9.5	10.0	05	20	40
11	8.5	7.0	4.0	8.5	7.5	5.0	8.5	8.0	7.0	9.0	9.0	9.5	05	25	45
10	7.5	6.0	3.5	7.5	6.5	4.5	8.0	7.5	6.5	8.0	8.5	9.5	10	30	55
9	6.5	5.5	3.0	7.0	6.0	4.0	7.0	7.0	6.5	7.5	8.0	9.5	10	35	1:05
8	6.0	4.5	2.5	6.0	5.5	3.5	6.5	6.5	6.5	6.5	7.5	9.0	10	40	1:20
7	5.0	4.0	2.0	5.0	4.5	3.0	5.5	6.0	6.0	6.0	7.5	9.0	10	45	1:35
6	4.0	3.5	1.5	4.5	4.0	3.0	5.0	5.5	6.0	5.5	7.0	9.0	15	50	1:50
5	3.5	3.0	1.0	3.5	3.5	2.5	4.0	5.0	6.0	5.0	6.5	9.0	15	55	2:05
4	2.5	2.5	1.0	3.0	3.0	2.5	3.5	4.5	5.5	4.5	6.5	9.0	15	1:00	2:25
3	2.0	2.0	0.5	2.0	2.5	2.0	3.0	4.5	5.5	4.0	6.5	8.5	20	1:05	2:35
2	1.5	1.5	0.5	1.5	2.5	2.0	2.5	4.0	5.5	3.5	6.0	8.5	25	1:10	2:55
1	0.5	1.0	0.0	1.0	2.0	2.0	2.0	4.0	5.5	3.0	6.0	8.5	25	1:15	3:10
0	0.0	0.5	0.0	0.5	1.5	2.0	1.5	3.5	5.5	2.5	6.0	8.5	30	1:20	4:00

*In this table, columns A,B and C refer to STEVESTON, DEAS ISLAND, and NEW WESTMINSTER, respectively. The tidal heights are above local chart datum (which rises in an upstream direction) and are to be taken directly from the table while the time differences should be added to the times of high or low water at POINT ATKINSON. The heights are also related to the following four discharge rates for the Fraser River at HOPE, so those appropriate for the time of year, or the actual flow of the river should be selected.

25,000 c.f.s.— Normal for January, February, March, December
100,000 c.f.s.— Normal for April, August, September, October, November
200,000 c.f.s.— Normal for May, July
300,000 c.f.s.— Normal for June

*Les colonnes A,B et C se rapportent à STEVESTON, à DEAS ISLAND, et à NEW WESTMINSTER, respectivement. Les hauteurs des marées sont mesurées au–dessus du zéro des cartes local (qui monte progressivement en amont) et ne doivent pas être ajustées, alors que les différences de temps devraient être ajoutées aux heures auxquelles on a observé à POINT ATKINSON la pleine ou la basse mer. Ces hauteurs sont également reliées à quatre débits typiques du Fraser, mesurés à HOPE, aussi devrait–on choisir soit celui qui s'applique à l'époque de l'année, soit le débit réel du fleuve.

25,000 pi³/s — Normal en janvier, février, mars et decembre
100,000 pi³/s — Normal en avril, août, septembre, octobre et novembre
200,000 pi³/s — Normal en mai et juillet
300,000 pi³/s — Normal en juin

For more information please contact the Canadian Hydrographic Service, Department of Fisheries and Oceans, Sidney, B.C. (V8L 4B2).

Pour de plus amples renseignements, communiquer avec le Service hydrographique du Canada , Ministère des Pêches et des Océans, Sidney, Colombie–Britannique (V8L 4B2).

TABLE 5A
TIDAL HEIGHTS AND TIME DIFFERENCES *
HAUTEURS DES MARÉES ET DIFFÉRENCES DE TEMPS *

FRASER RIVER

A–STEVESTON B–DEAS ISLAND C–NEW WESTMINSTER

POINT ATKINSON HW or LW PM ou BM	TIDAL HEIGHTS / HAUTEURS DES MARÉES — DISCHARGE AT HOPE / DÉBIT À HOPE												TIME DIFFERENCES / DIFFÉRENCES DE TEMPS		
	700 m³/s			2800 m³/s			5700 m³/s			8500 m³/s					
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
m	m	m	m	m	m	m	m	m	m	m	m	m	h min	h min	h min
5.0	4.0	3.5	2.3	4.0	3.6	2.6	4.1	3.7	2.9	4.2	3.9	3.6	05	10	50
4.5	3.5	3.1	1.9	3.6	3.2	2.3	3.6	3.3	2.6	3.7	3.5	3.3	05	10	45
4.0	3.1	2.7	1.6	3.2	2.8	1.9	3.2	2.9	2.4	3.3	3.2	3.1	05	15	40
3.5	2.7	2.3	1.3	2.7	2.4	1.6	2.8	2.6	2.2	2.9	2.8	3.0	05	20	45
3.0	2.3	1.8	1.0	2.3	2.0	1.3	2.4	2.3	2.0	2.5	2.6	2.9	10	30	55
2.5	1.8	1.5	0.8	1.9	1.7	1.1	2.0	2.0	1.9	2.1	2.4	2.8	10	40	1:15
2.0	1.4	1.2	0.6	1.5	1.4	0.9	1.6	1.7	1.8	1.8	2.2	2.7	10	45	1:40
1.5	1.0	0.9	0.4	1.1	1.1	0.8	1.3	1.5	1.8	1.5	2.1	2.7	15	55	2:15
1.0	0.7	0.6	0.2	0.8	0.9	0.7	1.0	1.4	1.7	1.2	2.0	2.7	20	1:05	2:30
0.5	0.3	0.4	0.1	0.5	0.7	0.6	0.7	1.2	1.7	1.0	1.9	2.6	25	1:10	3:00
0.0	0.0	0.3	0.0	0.2	0.5	0.6	0.4	1.1	1.6	0.8	1.8	2.6	30	1:20	4:00

*In this table, columns A,B and C refer to STEVESTON, DEAS ISLAND, and NEW WESTMINSTER, respectively. The tidal heights are above local chart datum (which rises in an upstream direction) and are to be taken directly from the table while the time differences should be added to the times of high or low water at POINT ATKINSON. The heights are also related to the following four discharge rates for the Fraser River at HOPE, so those appropriate for the time of year, or the actual flow of the river should be selected.

700 m³/s — Normal for January, February, March, December
2800 m³/s — Normal for April, August, September, October, November
5700 m³/s — Normal for May, July
8500 m³/s — Normal for June

*Les colonnes A,B et C se rapportent à STEVESTON, à DEAS ISLAND, et à NEW WESTMINSTER, respectivement. Les hauteurs des marées sont mesurées au–dessus du zéro des cartes local (qui monte progressivement en amont) et ne doivent pas être ajustées, alors que les différences de temps devraient être ajoutées aux heures auxquelles on a observé à POINT ATKINSON la pleine ou la basse mer. Ces hauteurs sont également reliées à quatre débits typiques du Fraser, mesurés à HOPE, aussi devrait–on choisir soit celui qui s'applique à l'époque de l'année, soit le débit réel du fleuve.

700 m³/s — Normal en janvier, février, mars et decembre
2800 m³/s — Normal en avril, août, septembre, octobre et novembre
5700 m³/s — Normal en mai et juillet
8500 m³/s — Normal en juin

For more information please contact the Canadian Hydrographic Service, Department of Fisheries and Oceans, Sidney, B.C. (V8L 4B2).

Pour de plus amples renseignements, communiquer avec le Service hydrographique du Canada , Ministère des Pêches et des Océans, Sidney, Colombie–Britannique (V8L 4B2).

Daily Tables Tables quotidiennes

SOOKE PST Z+8

1991

JANUARY–JANVIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0340	7.8	2.4	16	0350	7.8	2.4
	0540	7.7	2.3		0555	7.7	2.3
TU	1230	11.2	3.4	WE	1230	9.8	3.0
MA	2110	.6	.2	ME	2110	1.9	.6
2	0410	8.1	2.5	17	0415	8.0	2.4
	0720	7.7	2.3		0750	7.6	2.3
WE	1320	10.6	3.3	TH	1315	9.4	2.9
ME	2150	1.1	.3	JE	2140	2.3	.7
3	0445	8.4	2.6	18	0440	8.1	2.5
	0925	7.5	2.3		0920	7.2	2.2
TH	1415	10.0	3.0	FR	1355	9.1	2.8
JE	2230	1.9	.6	VE	2205	2.9	.9
4	0525	8.8	2.7	19	0505	8.4	2.6
	1040	7.1	2.2		1025	7.0	2.1
FR	1515	9.2	2.8	SA	1440	8.5	2.6
VE	2305	2.9	.9	SA	2230	3.4	1.0
5	0600	9.1	2.8	20	0525	8.7	2.7
	1150	6.7	2.0		1125	6.6	2.0
SA	1620	8.1	2.5	SU	1535	8.0	2.4
SA	2335	4.1	1.2	DI	2250	4.3	1.3
6	0635	9.4	2.9	21	0550	8.9	2.7
	1305	6.2	1.9		1225	5.9	1.8
SU	1740	7.3	2.2	MO	1655	7.3	2.2
DI	2350	5.2	1.6	LU	2255	4.9	1.5
7	0705	9.7	3.0	22	0610	9.4	2.9
	1425	5.6	1.7		1330	5.3	1.6
MO	1925	6.6	2.0	TU	1840	6.6	2.0
LU	2310	6.0	1.8	MA	2240	6.4	1.8
8	0735	9.8	3.0	23	0635	9.8	3.0
	1545	4.8	1.5		1445	4.8	1.4
TU				WE	2110	6.3	1.9
MA				ME	2200	6.3	1.9
9	0800	9.8	3.0	24	0705	10.2	3.1
	1645	4.2	1.3		1600	3.8	1.1
WE				TH			
ME				JE			
10	0820	10.0	3.0	25	0745	10.6	3.2
	1735	3.8	1.1		1700	2.7	.8
TH				FR			
JE				VE			
11	0855	10.1	3.1	26	0840	10.8	3.3
	1815	3.1	.9		1755	1.9	.6
FR				SA			
VE				SA			
12	0935	10.2	3.1	27	0935	11.0	3.4
	1855	2.6	.8		1845	1.3	.4
SA				SU			
SA				DI			
13	1015	10.2	3.1	28	1035	11.1	3.4
	1935	2.3	.7		1930	1.1	.3
SU				MO			
DI				LU			
14	1105	10.2	3.1	29	0235	7.9	2.4
	2010	2.0	.6		0445	7.6	2.3
MO				TU	1135	10.9	3.3
LU				MA	2010	1.1	.3
15	0340	7.9	2.4	30	0255	8.1	2.5
	0445	7.8	2.4		0715	7.3	2.2
TU	1150	10.1	3.1	WE	1235	10.5	3.2
MA	2040	1.8	.6	ME	2050	1.8	.5
				31	0325	8.4	2.6
					0830	6.9	2.1
				TH	1335	10.0	3.0
				JE	2125	2.1	.6

FEBRUARY–FEVRIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0355	8.7	2.7	16	0335	8.1	2.5
	0930	6.2	1.9		0920	5.9	1.8
FR	1435	9.0	2.8	SA	1425	8.4	2.6
VE	2155	3.0	.9	SA	2125	3.5	1.1
2	0430	9.1	2.8	17	0355	8.4	2.6
	1025	5.8	1.8		1005	5.3	1.6
SA	1535	8.4	2.6	SU	1520	8.1	2.5
SA	2225	3.8	1.2	DI	2150	4.4	1.3
3	0500	9.4	2.9	18	0415	8.8	2.7
	1125	5.5	1.7		1100	5.1	1.5
SU	1635	7.7	2.3	MO	1625	7.5	2.3
DI	2240	5.1	1.6	LU	2155	5.2	1.6
4	0525	9.4	2.9	19	0435	9.4	2.9
	1225	5.2	1.6		1155	4.9	1.3
MO	1740	6.8	2.1	TU	1735	6.8	2.1
LU	2225	5.8	1.8	MA	2140	5.8	1.8
5	0550	9.4	2.9	20	0455	9.7	3.0
	1330	4.8	1.5		1255	4.0	1.2
TU	1925	6.4	2.0	WE	1915	6.5	2.0
MA	2115	6.4	2.0	ME	2120	6.4	2.0
6	0610	9.7	3.0	21	0525	10.0	3.0
	1445	4.6	1.4		1410	3.4	1.0
WE				TH			
ME				JE			
7	0635	9.7	3.0	22	0610	10.2	3.1
	1600	4.2	1.3		1525	3.0	.9
TH				FR			
JE				VE			
8	0710	9.7	3.0	23	0705	10.3	3.1
	1700	3.7	1.1		1635	2.5	.8
FR				SA			
VE				SA			
9	0800	9.7	3.0	24	0815	10.3	3.1
	1745	3.3	1.0		1730	2.3	.7
SA				SU			
SA				DI			
10	0900	9.7	3.0	25	0925	10.0	3.0
	1830	2.9	.9		1820	2.0	.6
SU				MO			
DI				LU			
11	1000	9.4	2.9	26	0125	7.8	2.4
	1905	2.6	.8		0520	7.4	2.3
MO				TU	1040	9.8	3.0
LU				MA	1900	2.1	.6
12	0225	7.7	2.3	27	0140	8.0	2.4
	0405	7.4	2.3		0640	6.7	2.0
TU	1055	9.5	2.9	WE	1155	9.5	2.9
MA	1940	2.6	.8	ME	1940	2.4	.7
13	0235	7.7	2.3	28	0205	8.2	2.5
	0620	7.2	2.2		0735	6.0	1.8
WE	1150	9.4	2.9	TH	1300	9.2	2.8
ME	2010	2.8	.8	JE	2015	2.9	.9
14	0250	7.8	2.4				
	0735	6.9	2.1				
TH	1245	9.2	2.8				
JE	2035	2.7	.8				
15	0310	8.0	2.4				
	0830	6.2	1.9				
FR	1335	8.9	2.7				
VE	2105	3.1	.9				

MARCH–MARS

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0235	8.9	2.7	16	0205	8.2	2.5
	0830	5.3	1.6		0820	4.6	1.4
FR	1355	8.9	2.7	SA	1355	8.2	2.5
VE	2045	3.6	1.1	SA	2020	4.3	1.3
2	0300	9.1	2.7	17	0220	8.5	2.6
	0920	4.7	1.4		0905	4.0	1.2
SA	1450	8.5	2.5	SU	1450	7.9	2.4
SA	2115	4.3	1.3	DI	2040	4.9	1.5
3	0330	9.1	2.8	18	0240	8.7	2.7
	1005	4.3	1.3		0950	3.4	1.0
SU	1545	8.1	2.4	MO	1545	7.5	2.3
DI	2135	5.2	1.6	LU	2055	5.5	1.7
4	0350	9.1	2.8	19	0255	9.4	2.9
	1055	3.9	1.2		1035	3.1	.9
MO	1640	7.3	2.2	TU	1650	7.1	2.2
LU	2130	6.1	1.8	MA	2050	6.1	1.9
5	0405	9.3	2.9	20	0320	9.8	3.0
	1145	3.9	1.2		1130	2.6	.8
TU	1750	6.9	2.1	WE	1810	6.9	2.1
MA	2050	6.6	2.0	ME	2035	6.6	2.0
6	0420	9.4	2.9	21	0350	9.9	3.0
	1235	4.0	1.2		1230	2.6	.7
WE				TH			
ME				JE			
7	0440	9.4	2.9	22	0435	9.8	3.0
	1340	4.0	1.2		1335	2.8	.8
TH				FR			
JE				VE			
8	0510	9.3	2.8	23	0530	9.7	3.0
	1455	3.8	1.2		1450	2.6	.8
FR				SA			
VE				SA			
9	0600	9.1	2.8	24	0635	9.2	2.8
	1600	3.7	1.1		1555	2.7	.8
SA				SU			
SA				DI			
10	0710	8.8	2.7	25	0025	7.7	2.3
	1700	3.6	1.1		0310	7.7	2.3
SU				MO	0800	8.9	2.7
DI				LU	1655	3.0	.9
11	0825	8.7	2.7	26	0000	7.9	2.4
	1745	3.3	1.0		0450	6.9	2.1
MO				TU	0940	8.6	2.6
LU				MA	1740	3.1	.9
12	0110	7.7	2.3	27	0020	8.3	2.5
	0450	7.6	2.3		0555	6.3	1.9
TU	0945	8.3	2.6	WE	1110	8.2	2.5
MA	1820	3.3	1.0	ME	1825	3.5	1.1
13	0115	7.7	2.3	28	0045	8.4	2.6
	0600	6.8	2.1		0650	5.3	1.6
WE	1100	8.4	2.6	TH	1220	8.1	2.5
ME	1855	3.3	1.0	JE	1900	3.8	1.2
14	0130	7.8	2.4	29	0110	8.7	2.7
	0650	6.1	1.9		0735	4.4	1.3
TH	1205	8.3	2.6	FR	1315	7.9	2.4
JE	1925	3.3	1.0	VE	1935	4.5	1.4
15	0145	8.0	2.4	30	0135	8.8	2.7
	0735	5.1	1.6		0820	3.6	1.1
FR	1300	8.2	2.5	SA	1410	7.6	2.3
VE	1950	3.6	1.1	SA	2005	5.2	1.6
				31	0155	9.1	2.8
					0900	3.0	.9
				SU	1505	7.6	2.3
				DI	2020	5.8	1.8

TABLE DES MARÉES

SOOKE HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0215		2.8	16	0125		2.9
	0945		.9		0935		.4
MO	1600		2.2	TU	1610		2.2
LU	2020		1.9	MA	1940		2.0
2	0225		2.8	17	0155		3.0
	1025		.9		1020		.3
TU	1700		2.1	WE	1720		2.1
MA	1955		2.0	ME	1945		2.0
3	0245		2.8	18	0230		3.1
	1110		.9		1110		.3
WE	1835		2.1	TH	1845		2.1
ME	1930		2.1	JE	1950		2.1
4	0305		2.8	19	0315		3.0
	1155		.9		1205		.4
TH				FR			
JE				VE			
5	0330		2.7	20	0400		2.9
	1245		1.0		1305		.6
FR				SA			
VE				SA			
6	0400		2.7	21	0500		2.7
	1345		1.0		1405		.8
SA				SU	2210		2.3
SA				DI			
7	0450		2.6	22	0225		2.2
	1445		1.1		0620		2.5
SU				MO	1505		.9
DI				LU	2230		2.4
8	0605		2.4	23	0400		2.0
	1540		1.1		0820		2.3
MO	2345		2.3	TU	1600		1.1
LU				MA	2255		2.5
9	0420		2.2	24	0505		1.7
	0755		2.3		1010		2.2
TU	1630		1.2	WE	1650		1.3
MA	2345		2.3	ME	2320		2.6
10	0515		2.0	25	0600		1.4
	0940		2.3		1130		2.1
WE	1715		1.2	TH	1730		1.5
ME				JE	2345		2.7
11	0000		2.4	26	0645		1.1
	0600		1.7		1240		2.1
TH	1110		2.2	FR	1810		1.7
JE	1750		1.3	VE			
12	0015		2.4	27	0005		2.7
	0640		1.4		0725		.9
FR	1215		2.3	SA	1340		2.1
VE	1825		1.4	SA	1835		1.8
13	0030		2.5	28	0025		2.8
	0720		1.1		0805		.7
SA	1315		2.3	SU	1435		2.1
SA	1855		1.5	DI	1850		2.0
14	0045		2.7	29	0040		2.8
	0805		.6		0845		.6
SU	1410		2.3	MO	1530		2.2
DI	1920		1.7	LU	1830		2.0
15	0100		2.8	30	0100		2.8
	0850		.5		0925		.5
MO	1510		2.2	TU	1625		2.2
LU	1935		1.8	MA	1835		2.1

MAY–MAI

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0120		2.8	16	0120		3.1
	1005		.5		1005		.0
WE	1735		2.1	TH	1730		2.2
ME	1850		2.1	JE	1915		2.1
2	0145		2.8	17	0205		3.1
	1045		.6		1055		.1
TH				FR	1825		2.2
JE				VE	2010		2.2
3	0215		2.7	18	0255		2.9
	1125		.7		1145		.3
FR				SA	1920		2.3
VE				SA	2305		2.2
4	0245		2.7	19	0350		2.7
	1205		.8		1235		.5
SA				SU	2005		2.4
SA				DI			
5	0320		2.5	20	0100		2.1
	1250		.9		0455		2.4
SU	2335		2.3	MO	1320		.9
DI				LU	2040		2.5
6	0050		2.3	21	0235		1.9
	0405		2.4		0645		2.1
MO	1330		1.0	TU	1405		1.1
LU	2205		2.3	MA	2115		2.6
7	0305		2.2	22	0355		1.6
	0515		2.2		0845		1.9
TU	1415		1.1	WE	1445		1.4
MA	2210		2.4	ME	2150		2.7
8	0415		1.9	23	0500		1.3
	0735		2.0		1030		1.9
WE	1500		1.3	TH	1520		1.6
ME	2220		2.4	JE	2215		2.7
9	0500		1.6	24	0550		1.1
	0945		2.0		1210		1.9
TH	1540		1.4	FR	1525		1.9
JE	2235		2.5	VE	2240		2.8
10	0540		1.3	25	0635		.9
	1115		2.0		1335		2.0
FR	1620		1.6	SA	1450		2.0
VE	2250		2.6	SA	2255		2.8
11	0625		1.0	26	0715		.7
	1230		2.0		2315		2.9
SA	1655		1.7	SU			
SA	2305		2.7	DI			
12	0705		.6	27	0755		.5
	1335		2.1		2340		2.9
SU	1720		1.9	MO			
DI	2330		2.9	LU			
13	0750		.3	28	0830		.4
	1435		2.1		1615		2.1
MO	1740		2.0	TU	1650		2.1
LU				MA			
14	0000		3.0	29	0010		2.9
	0835		.1		0910		.4
TU	1530		2.1	WE	1650		2.2
MA	1805		2.0	ME	1735		2.2
15	0040		3.1	30	0045		2.8
	0920		.0		0945		.4
WE	1630		2.2	TH	1735		2.2
ME	1840		2.1	JE	1815		2.2
				31	0120		2.8
					1025		.5
				FR	1820		2.2
				VE	1855		2.2

JUNE–JUIN

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0155		2.7	16	0255		2.8
	1100		.6		1115		.4
SA	1900		2.2	SU	1820		2.4
SA	1955		2.2	DI	2335		2.0
2	0230		2.6	17	0400		2.5
	1130		.7		1155		.7
SU	1930		2.3	MO	1900		2.5
DI	2320		2.2	LU			
3	0305		2.4	18	0055		1.8
	1205		.9		0520		2.2
MO	1955		2.3	TU	1230		1.1
LU				MA	1935		2.7
4	0105		2.1	19	0215		1.6
	0350		2.2		0700		1.9
TU	1235		1.0	WE	1300		1.4
MA	2015		2.4	ME	2010		2.7
5	0225		2.0	20	0335		1.4
	0505		2.0		0855		1.8
WE	1300		1.2	TH	1255		1.6
ME	2035		2.5	JE	2040		2.8
6	0335		1.7	21	0440		1.1
	0745		1.8		2110		2.8
TH	1325		1.4	FR			
JE	2055		2.5	VE			
7	0430		1.4	22	0535		.9
	0950		1.8		2130		2.8
FR	1345		1.6	SA			
VE	2110		2.7	SA			
8	0515		1.0	23	0620		.8
	1135		1.9		2200		2.9
SA	1405		1.8	SU			
SA	2135		2.8	DI			
9	0605		.7	24	0700		.6
	1310		2.0		2230		2.9
SU	1440		2.0	MO			
DI	2205		3.0	LU			
10	0650		.4	25	0740		.5
	1415		2.0		2310		2.9
MO	1525		2.0	TU			
LU	2245		3.1	MA			
11	0735		.1	26	0815		.4
	1500		2.1		2350		2.9
TU	1620		2.1	WE			
MA	2330		3.2	ME			
12	0820		-0.1	27	0850		.4
	1540		2.1		1620		2.1
WE	1720		2.1	TH	1730		2.1
ME				JE			
13	0015		3.2	28	0030		2.8
	0905		-0.1		0925		.4
TH	1620		2.2	FR	1645		2.2
JE	1820		2.1	VE	1830		2.1
14	0105		3.2	29	0110		2.7
	0950		-0.1		1000		.5
FR	1700		2.2	SA	1710		2.2
VE	1940		2.1	SA	1945		2.1
15	0200		3.0	30	0150		2.6
	1035		.1		1030		.6
SA	1740		2.3	SU	1740		2.3
SA	2210		2.1	DI	2210		2.1

1991

JULY–JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0230		2.5	16	0420		2.3
	1055		.8		1115		1.0
MO	1805		2.3	TU	1800		2.7
LU	2325		2.0	MA			
2	0310		2.3	17	0030		1.5
	1120		.9		0535		2.0
TU	1830		2.4	WE	1140		1.3
MA				ME	1835		2.7
3	0030		1.9	18	0140		1.4
	0410		2.1		0700		1.8
WE	1140		1.2	TH	1135		1.6
ME	1855		2.5	JE	1905		2.8
4	0135		1.7	19	0300		1.2
	0550		1.9		1935		2.8
TH	1150		1.4	FR			
JE	1915		2.6	VE			
5	0245		1.4	20	0410		1.1
	0755		1.8		2000		2.8
FR	1145		1.6	SA			
VE	1935		2.7	SA			
6	0350		1.2	21	0505		.9
	1020		1.8		2035		2.8
SA	1125		1.8	SU			
SA	2005		2.8	DI			
7	0450		.8	22	0555		.8
	2040		3.0		2120		2.8
SU				MO			
DI				LU			
8	0545		.5	23	0640		.7
	2125		3.1		2205		2.8
MO				TU			
LU				MA			
9	0635		.3	24	0720		.6
	2220		3.2		2255		2.8
TU				WE			
MA				ME			
10	0720		.1	25	0755		.5
	1450		2.1		1505		2.1
WE	1600		2.1	TH	1640		2.1
ME	2315		3.2	JE	2345		2.8
11	0805		.0	26	0830		.5
	1510		2.2		1525		2.1
TH	1720		2.1	FR	1805		2.0
JE				VE			
12	0010		3.2	27	0030		2.7
	0850		.0		0900		.5
FR	1540		2.2	SA	1545		2.2
VE	1925		2.0	SA	2005		2.0
13	0105		3.0	28	0115		2.7
	0930		.1		0925		.6
SA	1615		2.3	SU	1610		2.2
SA	2105		1.9	DI	2110		1.9
14	0210		2.9	29	0200		2.5
	1010		.4		0950		.8
SU	1650		2.4	MO	1635		2.3
DI	2215		1.8	LU	2205		1.8
15	0315		2.6	30	0250		2.4
	1045		.7		1015		.9
MO	1725		2.6	TU	1700		2.4
LU	2320		1.6	MA	2300		1.7
				31	0345		2.2
					1035		1.2
				WE	1720		2.5
				ME	2355		1.5

AUGUST–AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0455		2.0	16	0100		1.2
	1045		1.4		0710		1.9
TH	1740		2.6	FR	0930		1.8
JE				VE	1750		2.7
2	0055		1.4	17	0210		1.1
	0620		1.9		1820		2.7
FR	1030		1.6	SA			
VE	1800		2.7	SA			
3	0200		1.2	18	0325		1.1
	0815		1.8		1855		2.7
SA	1010		1.7	SU			
SA	1830		2.8	DI			
4	0315		.9	19	0430		1.0
	1910		2.9		1950		2.7
SU				MO			
DI				LU			
5	0425		.7	20	0520		.9
	2005		3.0		2050		2.7
MO				TU			
LU				MA			
6	0525		.5	21	0605		.8
	2105		3.0		2150		2.7
TU				WE			
MA				ME			
7	0615		.3	22	0645		.8
	1400		2.1		1350		2.1
WE	1440		2.1	TH	1620		2.1
ME	2210		3.0	JE	2250		2.7
8	0700		.2	23	0720		.7
	1400		2.2		1405		2.2
TH	1635		2.1	FR	1825		2.0
JE	2310		3.0	VE	2350		2.6
9	0745		.2	24	0750		.8
	1425		2.2		1425		2.2
FR	1855		1.9	SA	1925		1.8
VE				SA			
10	0020		3.0	25	0045		2.6
	0825		.3		0820		.8
SA	1455		2.3	SU	1445		2.3
SA	2005		1.7	DI	2015		1.6
11	0125		2.8	26	0135		2.5
	0900		.5		0845		.9
SU	1525		2.4	MO	1505		2.3
DI	2105		1.6	LU	2100		1.5
12	0230		2.6	27	0225		2.4
	0935		.8		0910		1.1
MO	1555		2.6	TU	1525		2.4
LU	2200		1.4	MA	2145		1.3
13	0330		2.4	28	0315		2.3
	1005		1.1		0930		1.3
TU	1630		2.7	WE	1545		2.5
MA	2300		1.3	ME	2235		1.2
14	0430		2.2	29	0410		2.1
	1025		1.4		0940		1.5
WE	1700		2.7	TH	1600		2.6
ME	2355		1.2	JE	2325		1.1
15	0535		2.0	30	0515		2.0
	1030		1.6		0930		1.7
TH	1725		2.7	FR	1620		2.7
JE				VE			
				31	0020		1.0
					0645		1.9
				SA	0915		1.8
				SA	1650		2.8

SEPTEMBER–SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0125		.9	16	0225		1.1
	1735		2.8		1750		2.6
SU				MO			
DI				LU			
2	0240		.8	17	0330		1.1
	1835		2.9		1900		2.5
MO				TU			
LU				MA			
3	0350		.7	18	0430		1.0
	1940		2.8		1240		2.2
TU				WE	1410		2.2
MA				ME	2025		2.5
4	0455		.6	19	0520		1.0
	1250		2.2		1225		2.2
WE	1350		2.2	TH	1700		2.1
ME	2055		2.8	JE	2145		2.4
5	0545		.6	20	0600		1.0
	1245		2.2		1240		2.3
TH	1655		2.0	FR	1750		1.9
JE	2215		2.8	VE	2300		2.4
6	0630		.6	21	0635		1.1
	1305		2.3		1255		2.3
FR	1815		1.8	SA	1835		1.6
VE	2335		2.7	SA			
7	0710		.7	22	0005		2.4
	1335		2.4		0705		1.1
SA	1915		1.6	SU	1315		2.3
SA				DI	1920		1.4
8	0040		2.7	23	0055		2.4
	0750		.9		0730		1.2
SU	1400		2.5	MO	1330		2.4
DI	2005		1.3	LU	2000		1.2
9	0145		2.5	24	0150		2.3
	0825		1.0		0755		1.4
MO	1430		2.6	TU	1350		2.5
LU	2055		1.1	MA	2045		1.0
10	0240		2.4	25	0240		2.3
	0855		1.3		0820		1.5
TU	1455		2.7	WE	1405		2.6
MA	2145		1.0	ME	2125		.9
11	0335		2.3	26	0330		2.2
	0915		1.5		0835		1.7
WE	1520		2.7	TH	1420		2.7
ME	2230		.9	JE	2210		.7
12	0435		2.1	27	0430		2.1
	0925		1.8		0830		1.8
TH	1545		2.7	FR	1445		2.8
JE	2320		.9	VE	2300		.7
13	0545		2.0	28	0545		2.1
	0855		1.9		0825		2.0
FR	1600		2.7	SA	1515		2.9
VE				SA	2355		.7
14	0015		1.0	29	1600		2.9
	1625		2.7				
SA				SU			
SA				DI			
15	0115		1.0	30	0100		.7
	1655		2.7		1655		2.8
SU				MO			
DI				LU			

SOOKE HNP Z+8

1991

OCTOBER–OCTOBRE

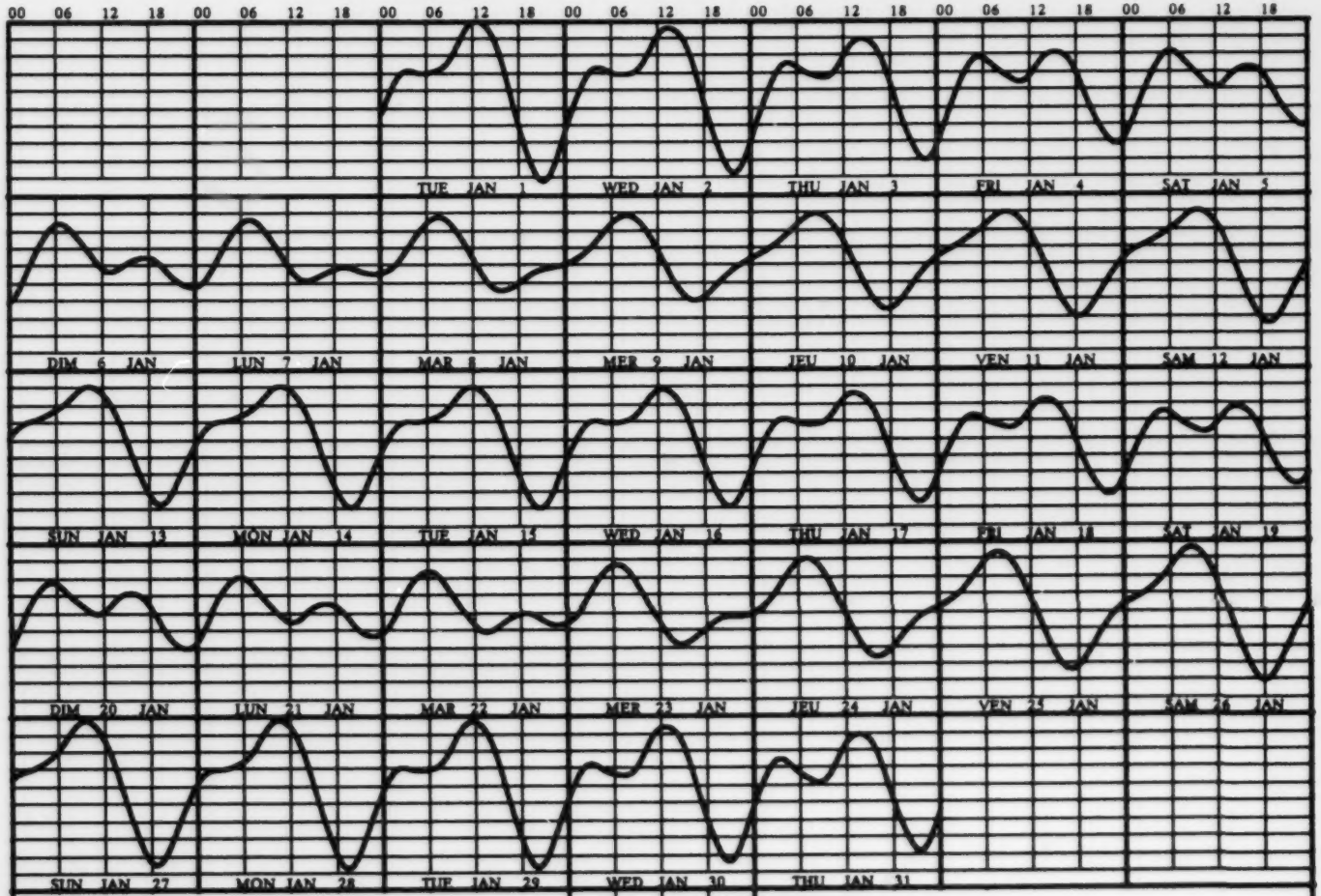
Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0205		.7	16	0220		1.1
	1805		2.7		1115		2.3
TU				WE	1505		2.3
MA				ME	1800		2.3
2	0310		.8	17	0315		1.2
	1115		2.3		1100		2.3
WE	1450		2.2	TH	1620		2.1
ME	1930		2.6	JE	2000		2.2
3	0415		.9	18	0400		1.3
	1120		2.3		1110		2.4
TH	1625		2.0	FR	1705		1.9
JE	2115		2.5	VE	2150		2.2
4	0505		1.0	19	0445		1.4
	1145		2.4		1125		2.4
FR	1730		1.7	SA	1745		1.6
VE	2245		2.4	SA	2310		2.2
5	0550		1.1	20	0525		1.5
	1210		2.5		1140		2.5
SA	1825		1.4	SU	1825		1.3
SA				DI			
6	0000		2.4	21	0010		2.2
	0630		1.2		0555		1.6
SU	1235		2.6	MO	1155		2.6
DI	1910		1.2	LU	1905		1.1
7	0100		2.4	22	0105		2.3
	0705		1.4		0625		1.7
MO	1300		2.7	TU	1210		2.7
LU	2000		.9	MA	1945		.8
8	0155		2.3	23	0200		2.3
	0740		1.6		0650		1.8
TU	1325		2.8	WE	1225		2.8
MA	2040		.8	ME	2025		.6
9	0250		2.3	24	0255		2.3
	0800		1.8		0710		2.0
WE	1345		2.8	TH	1250		2.9
ME	2125		.7	JE	2110		.4
10	0350		2.2	25	0350		2.2
	0810		2.0		0715		2.0
TH	1400		2.8	FR	1320		3.0
JE	2210		.7	VE	2155		.4
11	0450		2.2	26	0455		2.2
	0750		2.1		0725		2.1
FR	1420		2.8	SA	1400		3.0
VE	2250		.8	SA	2245		.4
12	0610		2.2	27	0610		2.2
	0740		2.1		0750		2.2
SA	1445		2.8	SU	1440		3.0
SA	2340		.9	DI	2335		.5
13	1515		2.7	28	0745		2.3
					0805		2.3
SU				MO	1530		2.9
DI				LU			
14	0025		.9	29	0030		.6
	1545		2.6		1630		2.7
MO				TU			
LU				MA			
15	0120		1.0	30	0125		.8
	1635		2.5		0920		2.4
TU				WE	1355		2.3
MA				ME	1745		2.5
				31	0225		1.0
					0945		2.5
				TH	1525		2.0
				JE	1950		2.3

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0315		1.2	16	0220		1.5
	1015		2.6		0950		2.6
FR	1635		1.7	SA	1650		1.7
VE	2145		2.2	SA	2145		2.0
2	0405		1.4	17	0300		1.7
	1045		2.7		1005		2.7
SA	1735		1.4	SU	1730		1.4
SA	2310		2.2	DI	2315		2.0
3	0450		1.6	18	0335		1.8
	1110		2.8		1020		2.8
SU	1820		1.1	MO	1810		1.1
DI				LU			
4	0025		2.2	19	0025		2.1
	0530		1.8		0410		2.0
MO	1135		2.9	TU	1035		2.9
LU	1905		.9	MA	1850		.8
5	0125		2.2	20	0130		2.2
	0605		2.0		0440		2.1
TU	1155		3.0	WE	1100		3.0
MA	1945		.7	ME	1930		.5
6	0225		2.3	21	0225		2.3
	0620		2.1		0505		2.2
WE	1215		3.0	TH	1135		3.1
ME	2030		.6	JE	2015		.3
7	0315		2.3	22	0320		2.3
	0605		2.2		0540		2.2
TH	1235		3.0	FR	1210		3.2
JE	2110		.5	VE	2055		.2
8	0410		2.3	23	0410		2.3
	0620		2.2		0615		2.3
FR	1305		3.0	SA	1255		3.3
VE	2150		.6	SA	2140		.2
9	0510		2.3	24	0500		2.3
	0645		2.3		0700		2.3
SA	1330		2.9	SU	1340		3.2
SA	2225		.6	DI	2230		.2
10	0630		2.3	25	0550		2.4
	0655		2.3		0800		2.3
SU	1400		2.8	MO	1425		3.1
DI	2305		.8	LU	2315		.4
11	1435		2.7	26	0640		2.5
	2345		.9		1040		2.3
MO				TU	1520		2.9
LU				MA			
12	1505		2.6	27	0000		.6
					0720		2.6
TU				WE	1230		2.3
MA				ME	1620		2.6
13	0025		1.0	28	0045		.9
	0915		2.4		0805		2.7
WE	1320		2.4	TH	1400		2.0
ME	1545		2.4	JE	1800		2.3
14	0105		1.2	29	0125		1.3
	0920		2.5		0840		2.8
TH	1505		2.2	FR	1525		1.8
JE	1650		2.2	VE	2010		2.1
15	0145		1.3	30	0205		1.6
	0930		2.5		0915		2.9
FR	1610		2.0	SA	1635		1.5
VE	1940		2.0	SA	2210		2.0

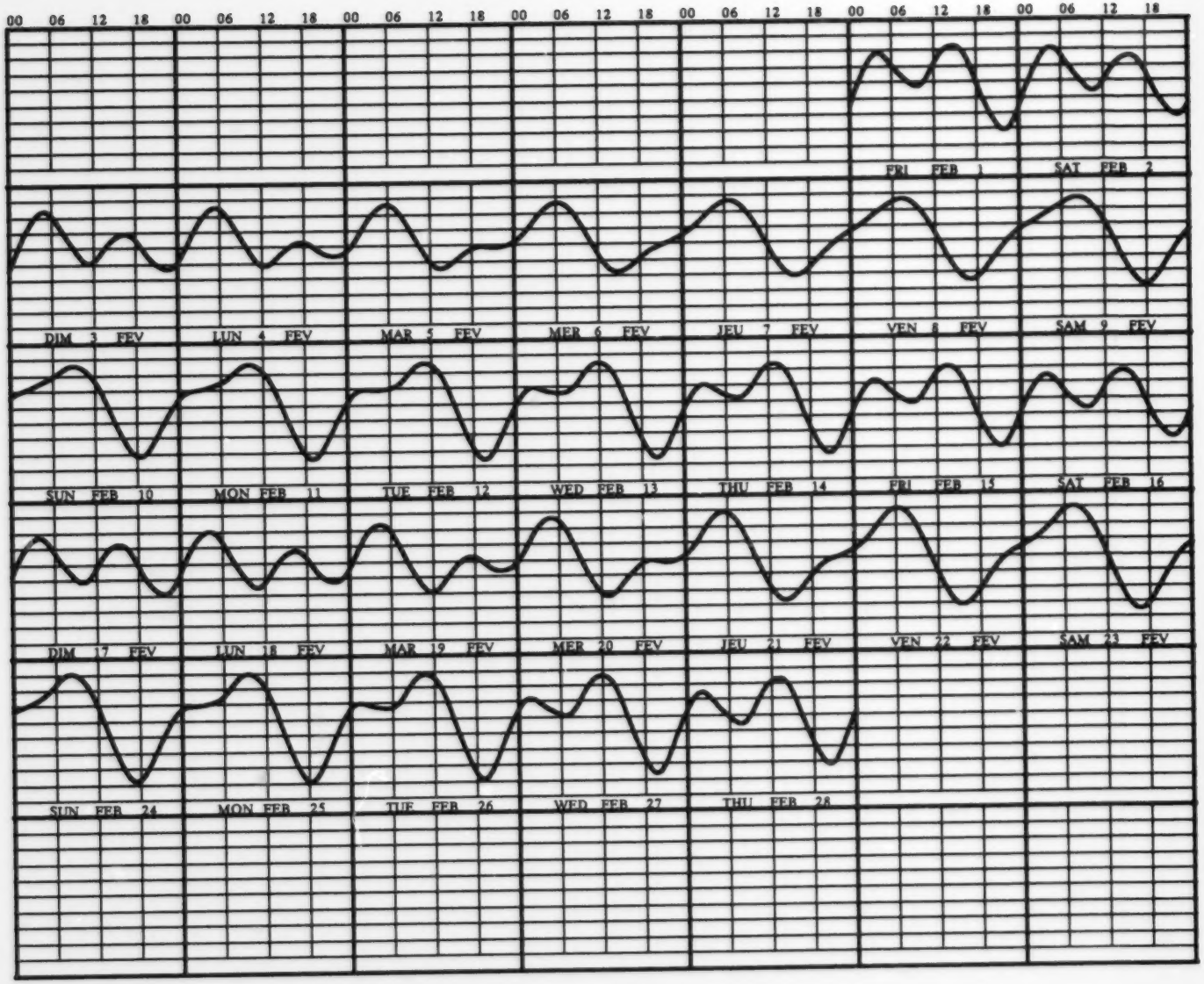
DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0230		1.8	16	0040		1.9
	0945		3.0		0845		2.9
SU	1730		1.2	MO	1705		1.2
DI				LU			
2	0010		2.0	17	0910		3.0
	0155		2.0		1750		.9
MO	1010		3.1	TU			
LU	1815		.9	MA			
3	1035		3.1	18	0940		3.1
	1855		.8		1830		.6
TU				WE			
MA				ME			
4	1100		3.1	19	1020		3.3
	1935		.6		1915		.4
WE				TH			
ME				JE			
5	1125		3.1	20	0300		2.3
	2015		.5		0345		2.3
TH				FR	1105		3.4
JE				VE	2000		.2
6	0355		2.3	21	0325		2.4
	0430		2.3		0455		2.3
FR	1200		3.1	SA	1150		3.4
VE	2055		.5	SA	2045		.1
7	0425		2.4	22	0355		2.4
	0530		2.4		0600		2.3
SA	1230		3.1	SU	1240		3.4
SA	2130		.5	DI	2125		.1
8	0500		2.4	23	0430		2.5
	0615		2.4		0725		2.3
SU	1305		3.0	MO	1335		3.3
DI	2205		.6	LU	2210		.3
9	0540		2.4	24	0510		2.5
	0705		2.4		0940		2.3
MO	1340		2.9	TU	1430		3.0
LU	2240		.7	MA	2250		.5
10	0615		2.4	25	0545		2.7
	0810		2.4		1100		2.2
TU	1415		2.8	WE	1530		2.7
MA	2310		.9	ME	2325		.9
11	0650		2.5	26	0625		2.8
	1120		2.4		1220		2.0
WE	1450		2.6	TH	1645		2.4
ME	2340		1.1	JE			
12	0720		2.6	27	0000		1.2
	1250		2.3		0700		2.9
TH	1530		2.4	FR	1340		1.8
JE				VE	1825		2.1
13	0005		1.3	28	0020		1.6
	0745		2.6		0740		3.0
FR	1410		2.1	SA	1505		1.6
VE	1635		2.2	SA	2020		2.0
14	0025		1.5	29	0000		1.8
	0805		2.7		0810		3.1
SA	1525		1.9	SU	1615		1.3
SA	1925		2.0	DI			
15	0035		1.7	30	0845		3.1
	0825		2.8		1715		1.1
SU	1620		1.6	MO			
DI	2140		1.9	LU			
				31	0915		3.1
					1800		.9
				TU			
				MA			



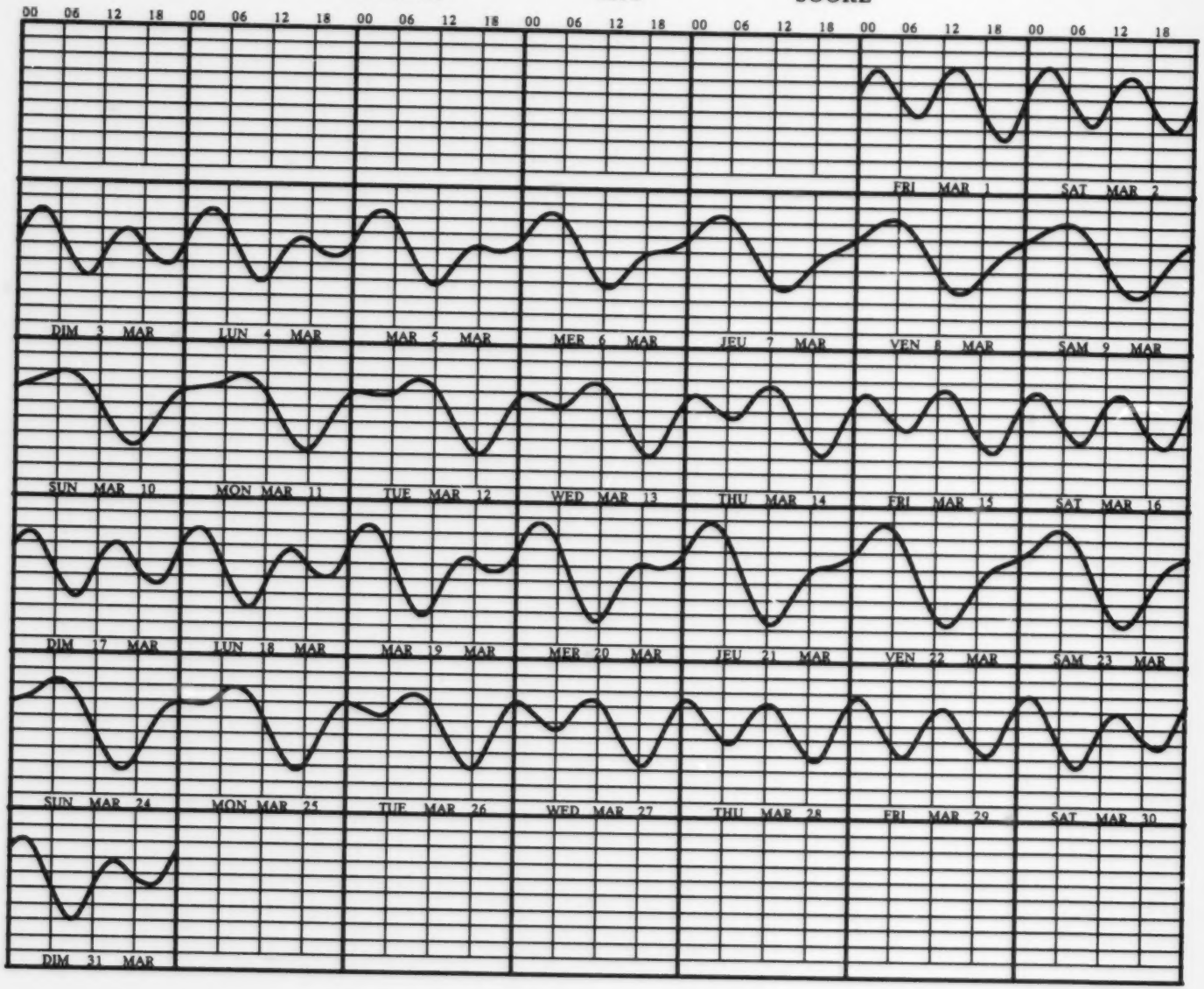
These plots (one month/page) give a pictorial version of the predicted tides for this station which experiences relatively complicated tidal behaviour. For precise time and height values, the preceding prediction tables must be used.

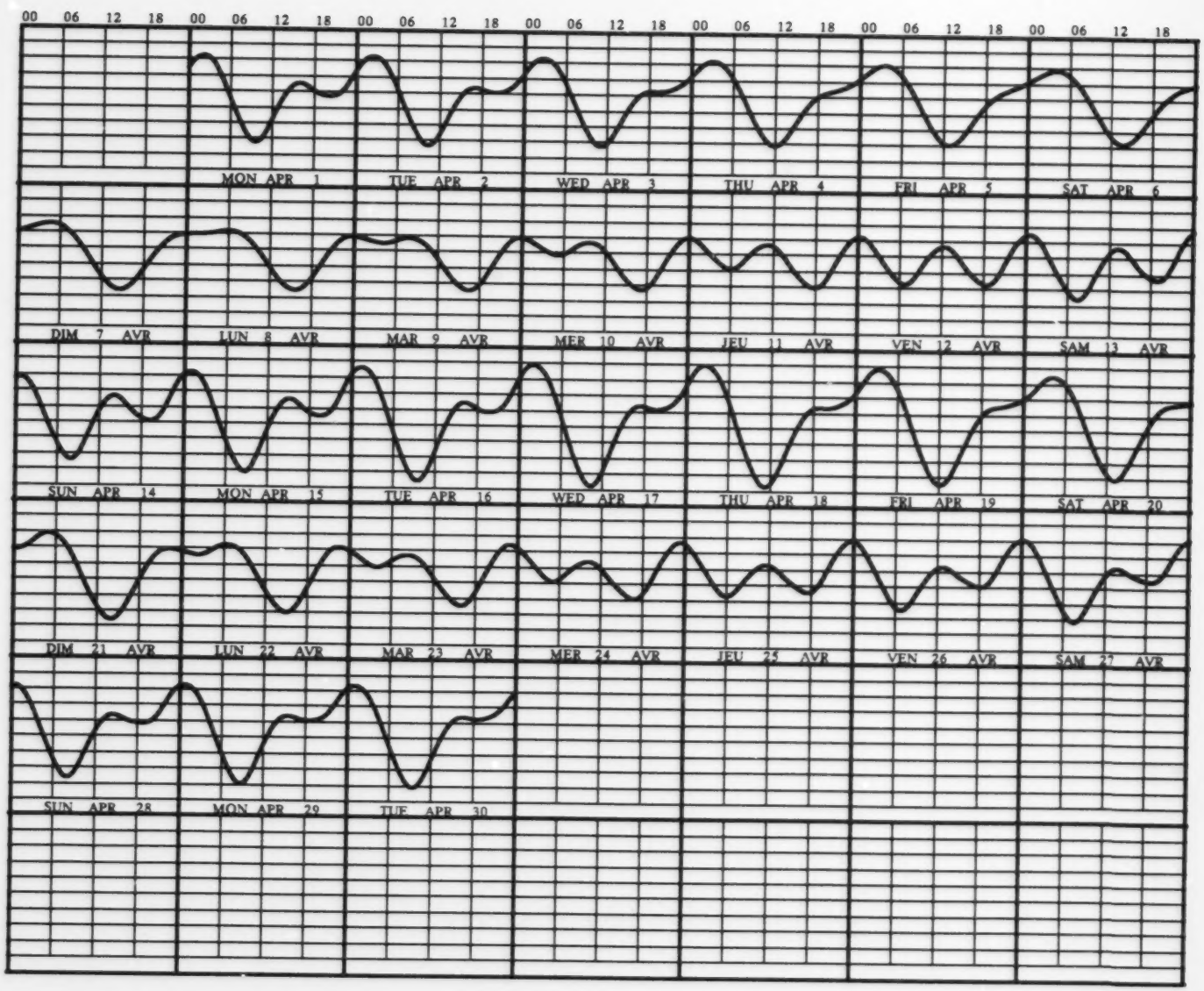
Ces graphiques (un mois/page) illustrent des marées prédites pour cette station ayant des caractéristiques des marées relativement compliquées. Pour obtenir des heures et des hauteurs précises les tables de prédictions qui précèdent doivent être utillisées.



HNP(Z+8) 1991 SOOKE

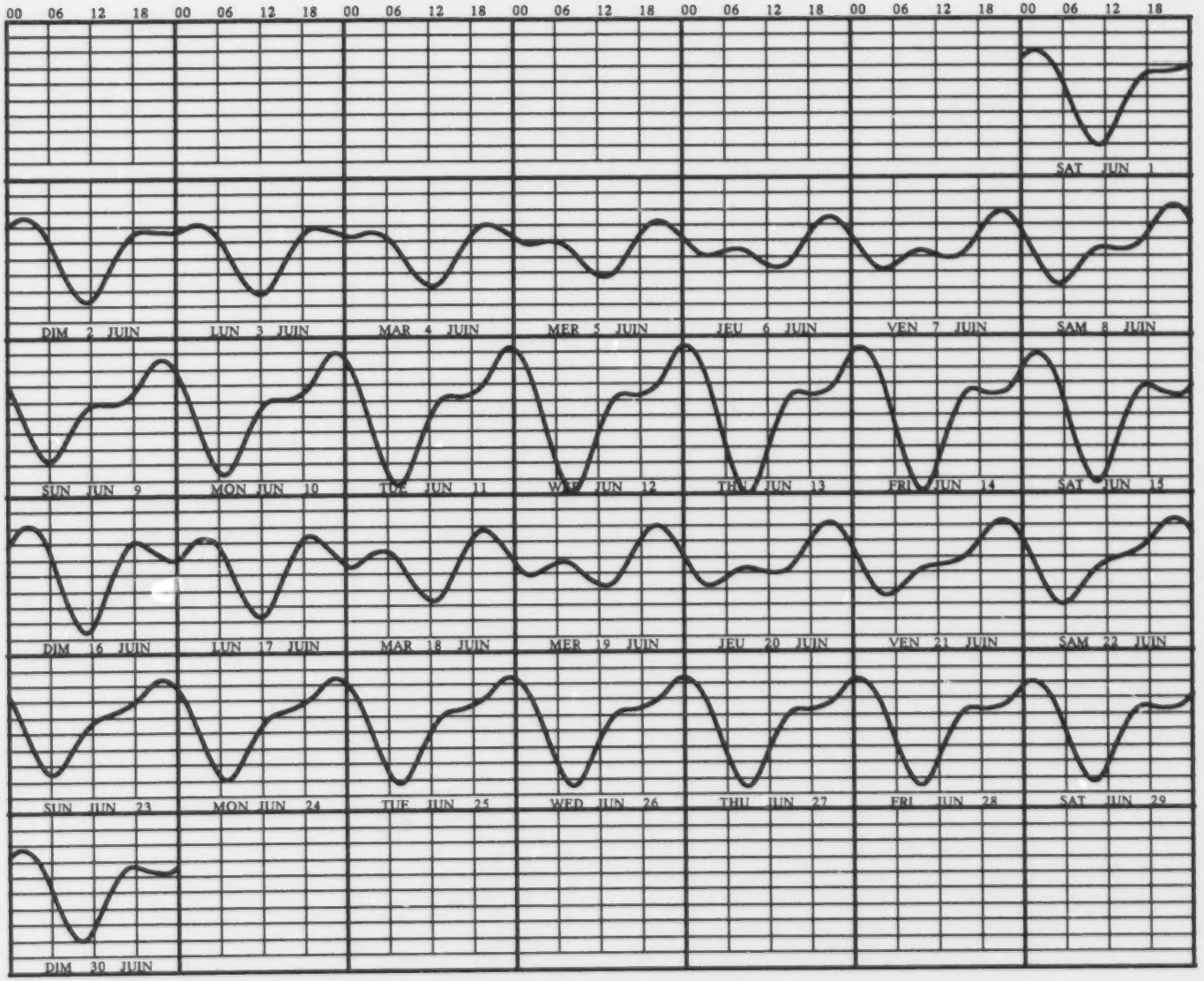
PST(Z+8) 1991 SOOKE





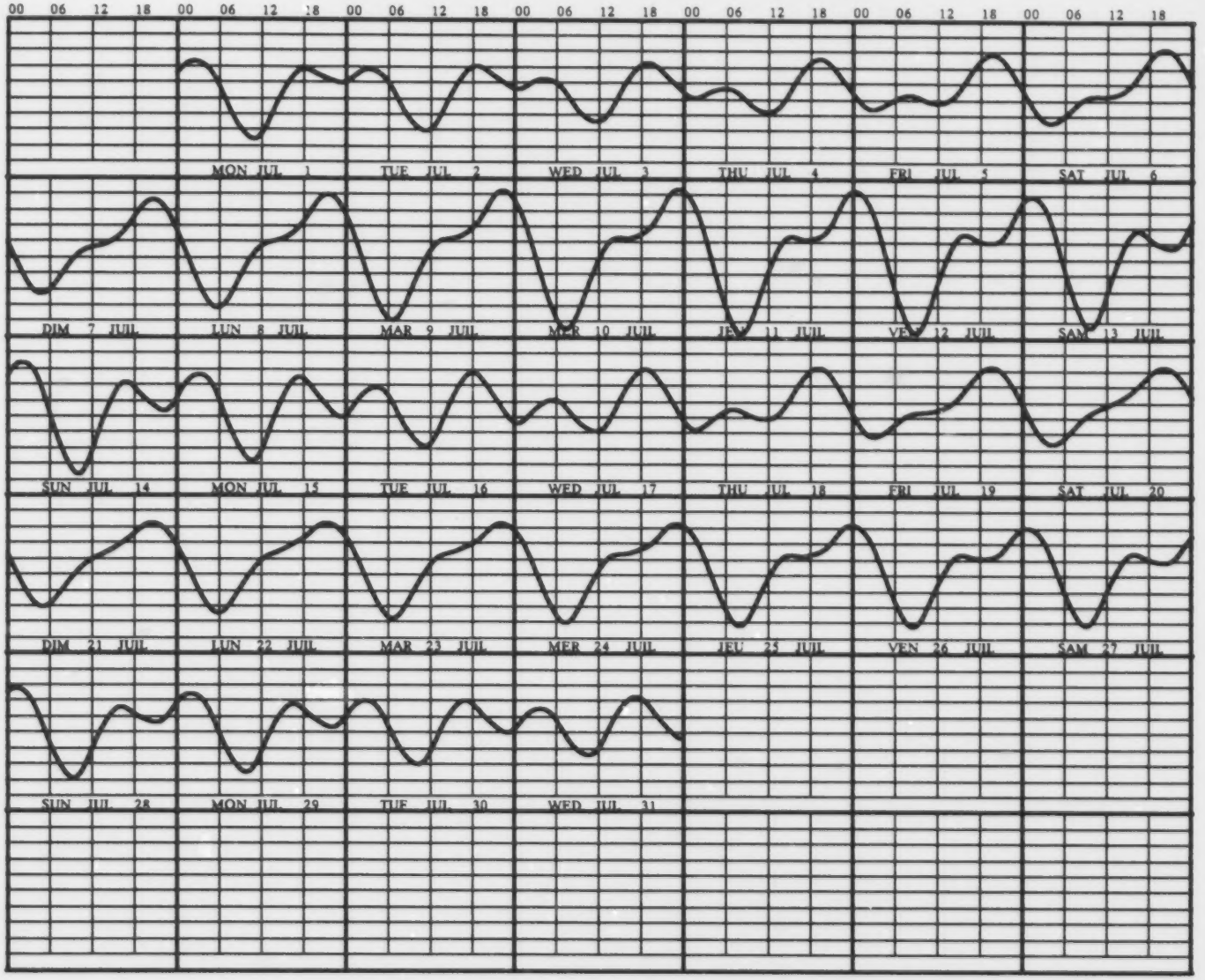
HNP(Z+8) **1991** **SOOKE**

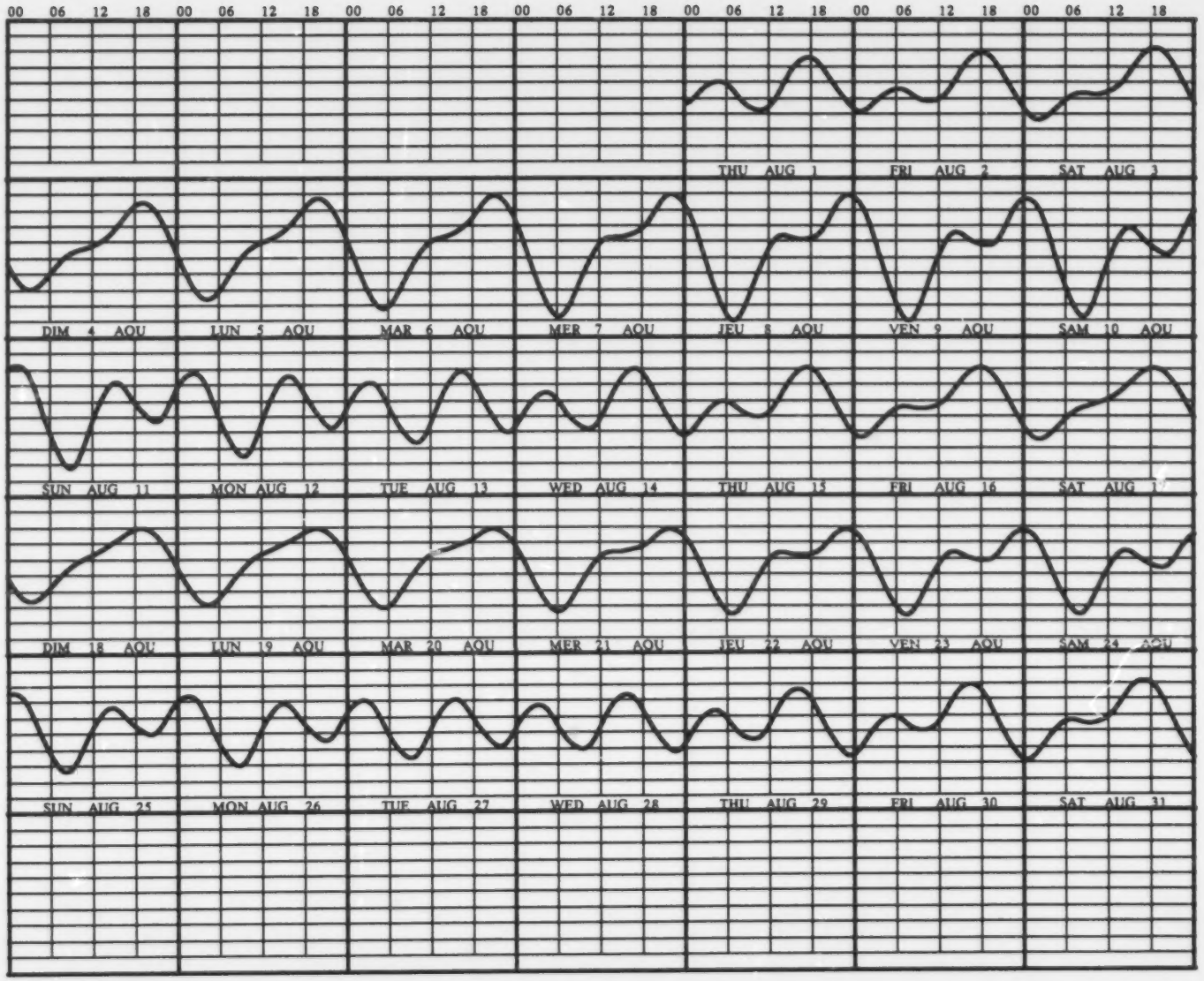
PST(Z+8)
1991
SOOKE
00 06 12 18 00 06 12 18 00 06 12 18 00 06 12 18 00 06 12 18
WED MAY 1
THU MAY 2
FRI MAY 3
SAT MAY 4
DIM 5 MAI
LUN 6 MAI
MAR 7 MAI
MER 8 MAI
JEU 9 MAI
VEN 10 MAI
SAM 11 MAI
SUN MAY 12
MON MAY 13
TUE MAY 14
WED MAY 15
THU MAY 16
FRI MAY 17
SAT MAY 18
DIM 19 MAI
LUN 20 MAI
MAR 21 MAI
MER 22 MAI
JEU 23 MAI
VEN 24 MAI
SAM 25 MAI
SUN MAY 26
MON MAY 27
TUE MAY 28
WED MAY 29
THU MAY 30
FRI MAY 31



HNP(Z+8) **1991** **SOOKE**

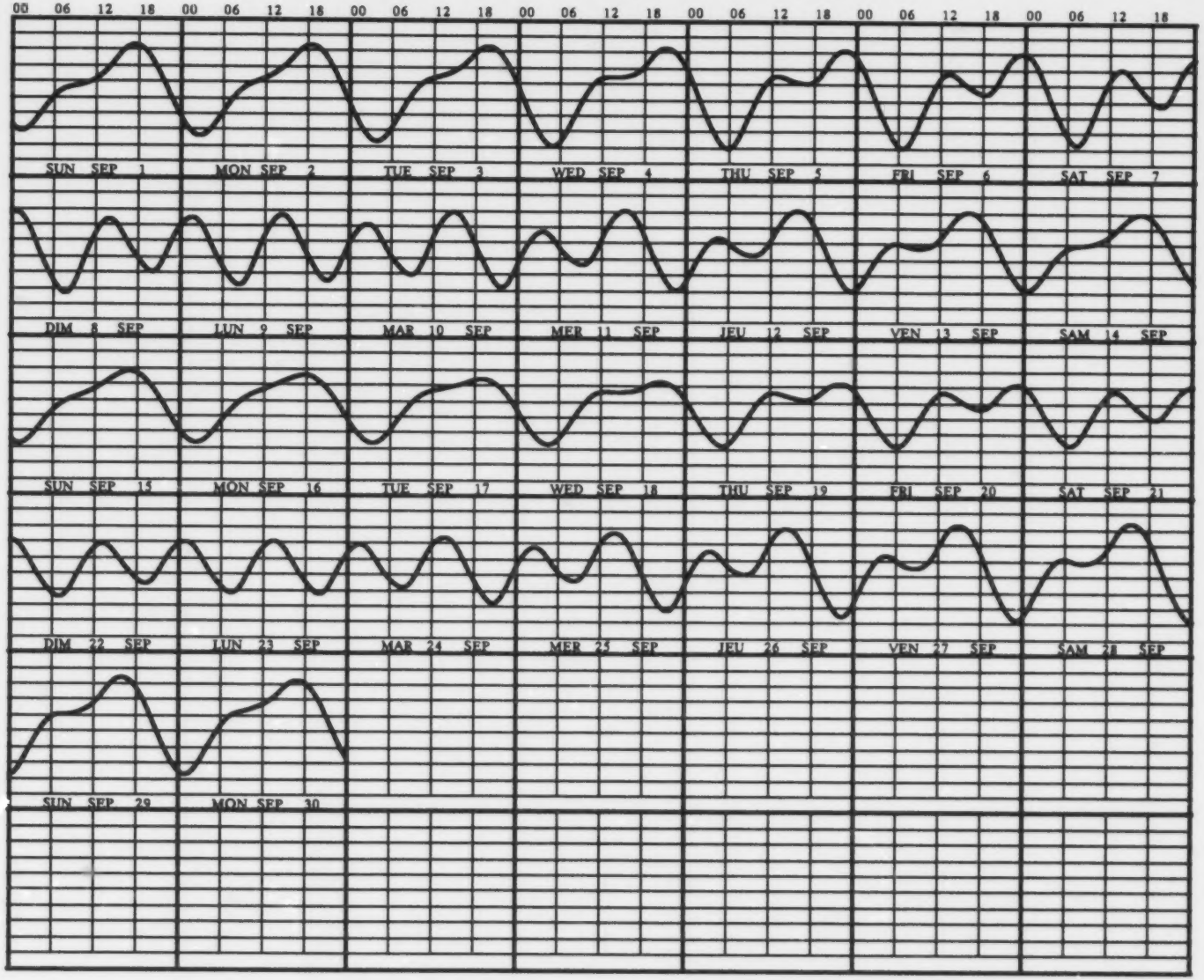
PST(Z+8) 1991 SOOKE

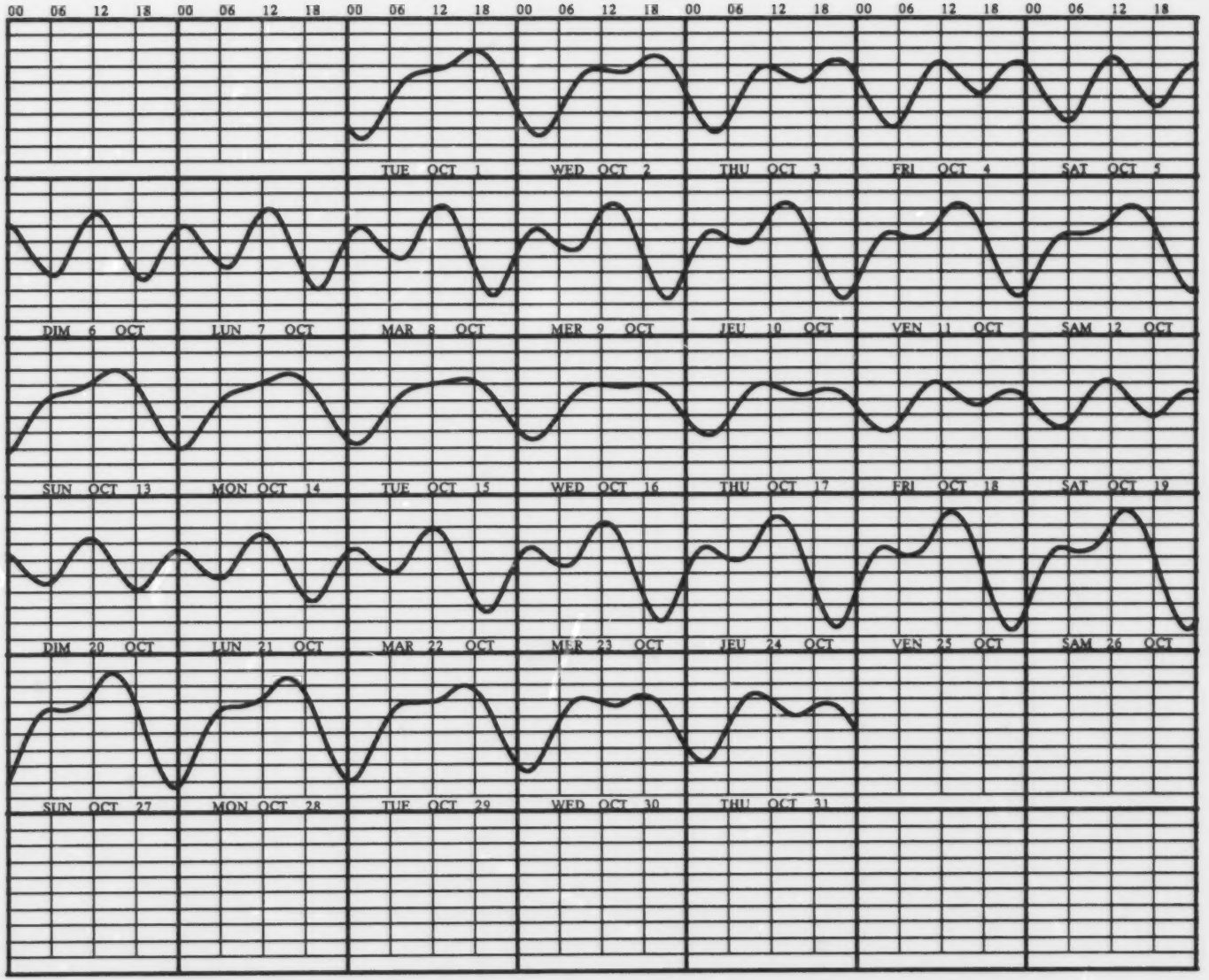




HNP(Z+8) **1991** **SOOKE**

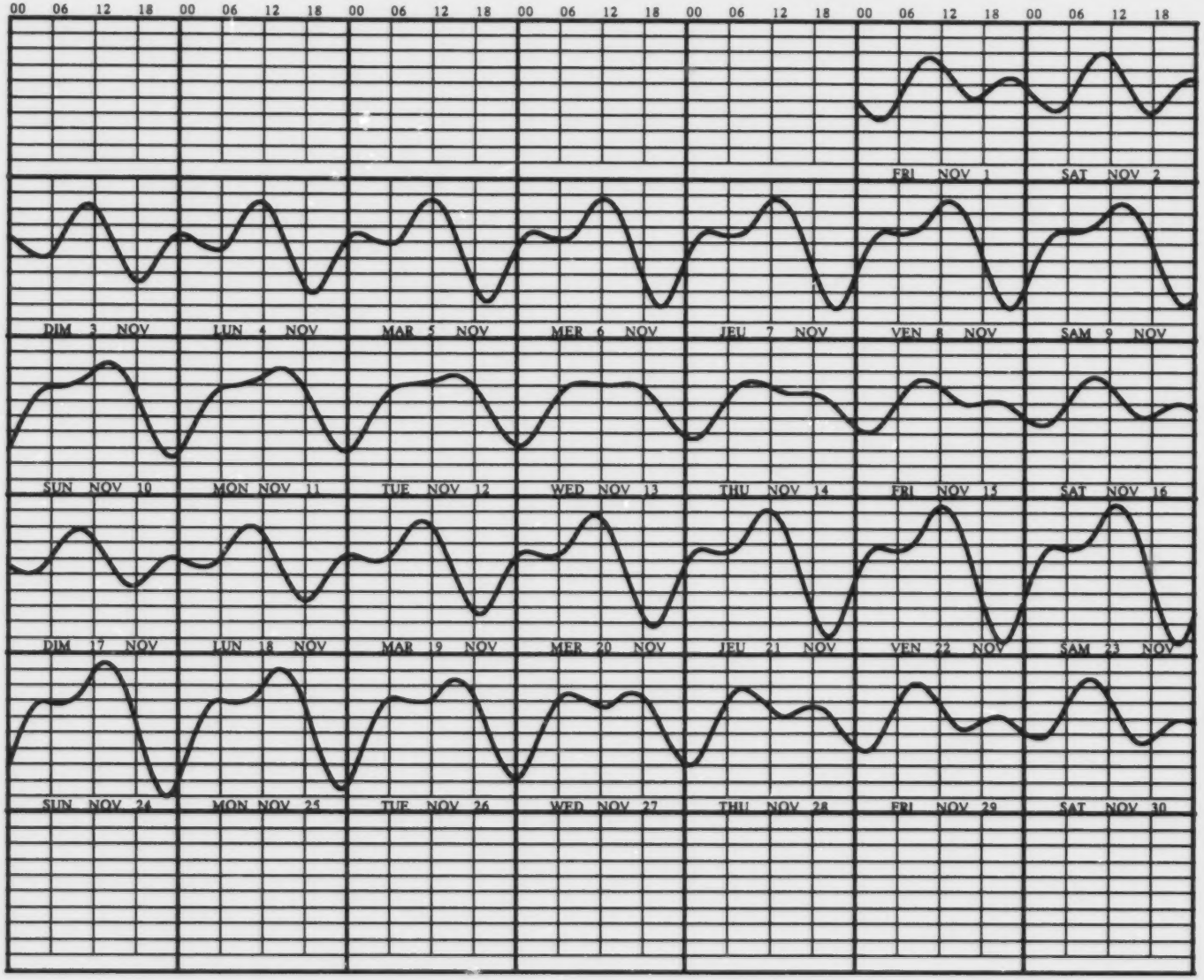
PST(Z+8) 1991 SOOKE

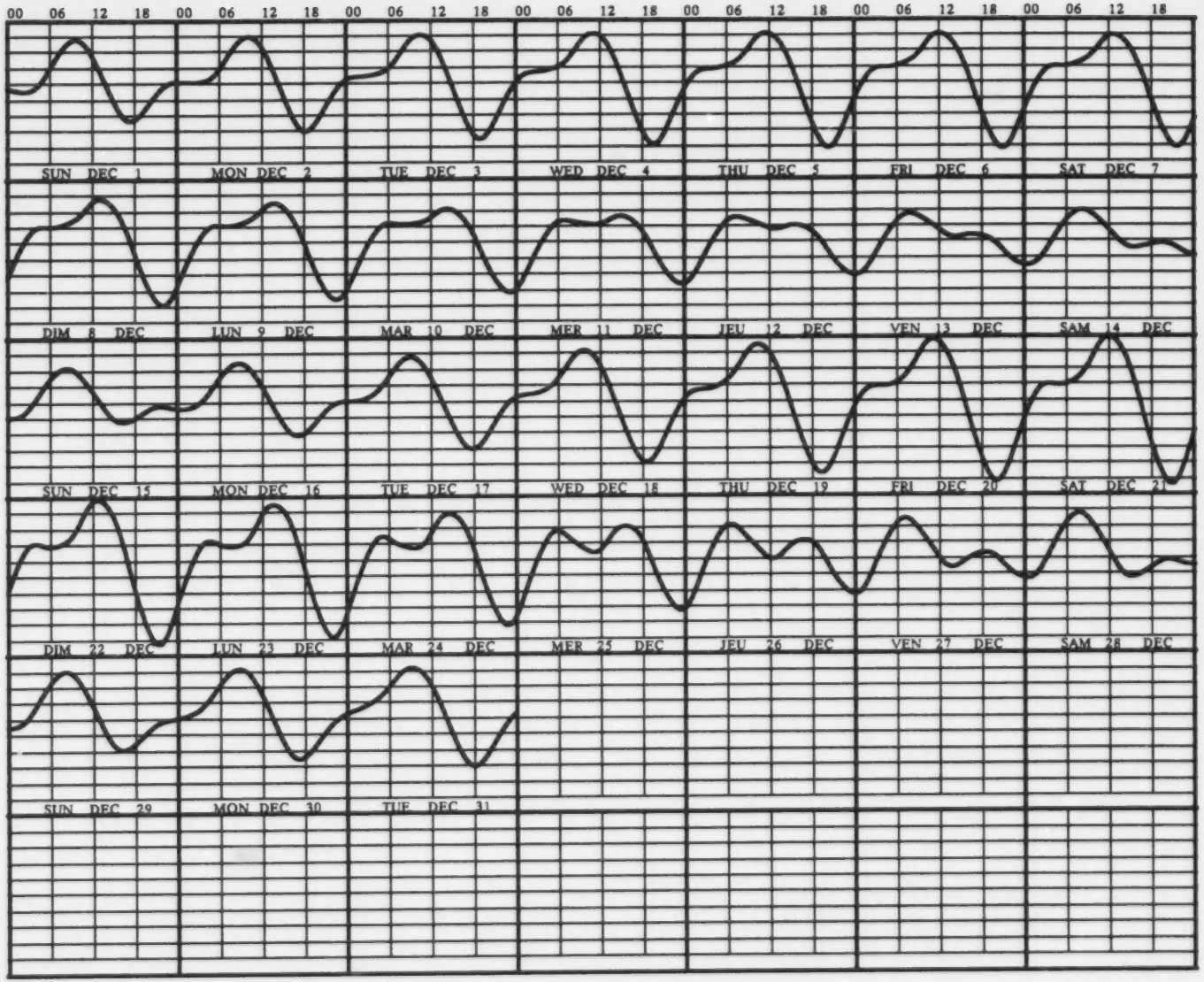




HNP(Z+8) **1991** **SOOKE**

PST(Z+8) 1991 SOOKE





HNP(Z+8) 1991 SOOKE

1991

JANUARY–JANVIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0700		2.7	16	0720		2.6
	0825		2.7		0840		2.6
TU	1255		3.1	WE	1225		2.8
MA	2140		.0	ME	2145		.5
2	0720		2.7	17	0715		2.6
	0935		2.6		0940		2.5
WE	1400		3.0	TH	1315		2.7
ME	2225		.2	JE	2215		.6
3	0740		2.7	18	0715		2.6
	1040		2.5		1035		2.4
TH	1500		2.7	FR	1405		2.6
JE	2305		.5	VE	2245		.8
4	0735		2.7	19	0640		2.6
	1155		2.3		1130		2.2
FR	1610		2.4	SA	1510		2.4
VE	2345		.8	SA	2315		1.0
5	0725		2.7	20	0640		2.7
	1315		2.0		1225		2.0
SA	1725		2.1	SU	1640		2.1
SA				DI	2345		1.2
6	0020		1.2	21	0655		2.7
	0745		2.8		1325		1.7
SU	1500		1.7	MO	1810		2.0
DI	1855		1.9	LU	2355		1.5
7	0045		1.5	22	0715		2.8
	0810		2.8		1430		1.4
MO	1615		1.4	TU	2000		1.8
LU				MA	2145		1.8
8	0835		2.8	23	0735		2.8
	1700		1.2		1535		1.1
TU				WE			
MA				ME			
9	0855		2.8	24	0755		2.9
	1740		1.0		1640		.9
WE				TH			
ME				JE			
10	0900		2.8	25	0820		3.0
	1815		.8		1735		.6
TH				FR			
JE				VE			
11	0855		2.8	26	0855		3.1
	1855		.7		1825		.3
FR				SA			
VE				SA			
12	0915		2.9	27	0950		3.1
	1930		.6		1910		.2
SA				SU			
SA				DI			
13	0955		2.9	28	1100		3.1
	2005		.5		1955		.2
SU				MO			
DI				LU			
14	1045		2.9	29	0550		2.6
	2040		.5		0720		2.6
MO				TU	1220		3.0
LU				MA	2040		.2
15	1135		2.9	30	0600		2.6
	2115		.5		0830		2.4
TU				WE	1300		2.9
MA				ME	2120		.3
				31	0600		2.5
					0930		2.2
				TH	1435		2.7
				JE	2200		.6

FEBRUARY–FEVRIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0510		2.6	16	0440		2.5
	1025		2.0		1010		1.9
FR	1535		2.5	SA	1520		2.4
VE	2235		.9	SA	2215		1.1
2	0530		2.7	17	0455		2.6
	1125		1.8		1100		1.6
SA	1635		2.3	SU	1620		2.2
SA	2310		1.2	DI	2245		1.3
3	0600		2.7	18	0520		2.6
	1225		1.6		1150		1.4
SU	1745		2.0	MO	1730		2.1
DI	2340		1.5	LU	2315		1.6
4	0625		2.7	19	0540		2.7
	1330		1.4		1240		1.2
MO	1930		1.9	TU	1850		2.0
LU	2350		1.8	MA	2335		1.9
5	0650		2.7	20	0605		2.8
	1445		1.2		1340		1.0
TU				WE			
MA				ME			
6	0710		2.7	21	0625		2.8
	1555		1.1		1445		.8
WE				TH			
ME				JE			
7	0720		2.7	22	0645		2.9
	1650		1.0		1600		.7
TH				FR			
JE				VE			
8	0730		2.7	23	0725		2.9
	1740		.9		1705		.5
FR				SA			
VE				SA			
9	0755		2.7	24	0825		2.9
	1825		.8		1800		.5
SA				SU			
SA				DI			
10	0840		2.7	25	0405		2.5
	1905		.7		0520		2.5
SU				MO	0950		2.8
DI				LU	1850		.5
11	0940		2.7	26	0415		2.5
	1940		.7		0635		2.3
MO				TU	1135		2.7
LU				MA	1935		.5
12	0600		2.5	27	0420		2.4
	0700		2.5		0735		2.1
TU	1055		2.7	WE	1250		2.7
MA	2015		.7	ME	2015		.6
13	0550		2.5	28	0315		2.4
	0750		2.4		0825		1.9
WE	1225		2.7	TH	1355		2.6
ME	2045		.7	JE	2055		.9
14	0530		2.4				
	0840		2.3				
TH	1330		2.6				
JE	2115		.8				
15	0435		2.4				
	0925		2.1				
FR	1425		2.5				
VE	2145		.9				

MARCH–MARS

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0330		2.5	16	0300		2.4
	0920		1.6		0905		1.4
FR	1455		2.4	SA	1450		2.3
VE	2130		1.1	SA	2105		1.3
2	0355		2.6	17	0320		2.5
	1005		1.4		0950		1.2
SA	1550		2.3	SU	1550		2.2
SA	2205		1.4	DI	2140		1.6
3	0425		2.6	18	0345		2.6
	1055		1.2		1030		.9
SU	1655		2.1	MO	1650		2.2
DI	2235		1.7	LU	2210		1.8
4	0450		2.7	19	0410		2.7
	1145		1.1		1120		.7
MO	1825		2.0	TU	1820		2.1
LU	2300		1.9	MA	2240		2.0
5	0515		2.7	20	0430		2.7
	1235		1.0		1210		.6
TU				WE	2225		2.2
MA				ME	2305		2.2
6	0530		2.6	21	0445		2.7
	1330		1.0		1305		.5
WE				TH			
ME				JE			
7	0540		2.6	22	0455		2.7
	1435		1.0		1410		.5
TH				FR			
JE				VE			
8	0535		2.6	23	0530		2.7
	1545		.9		1520		.6
FR				SA			
VE				SA			
9	0405		2.6	24	0210		2.5
	1650		.9		0245		2.5
SA				SU	0630		2.6
SA				DI	1630		.6
10	0400		2.5	25	0205		2.5
	1740		.9		0455		2.3
SU				MO	0810		2.4
DI				LU	1730		.7
11	0410		2.5	26	0220		2.4
	0625		2.4		0600		2.1
MO	0800		2.5	TU	1040		2.3
LU	1825		.9	MA	1820		.8
12	0405		2.4	27	0145		2.4
	0645		2.3		0650		1.9
TU	0935		2.4	WE	1205		2.3
MA	1900		.9	ME	1900		1.0
13	0340		2.3	28	0140		2.4
	0710		2.2		0735		1.6
WE	1145		2.3	TH	1315		2.2
ME	1935		.9	JE	1945		1.2
14	0245		2.3	29	0200		2.4
	0745		2.0		0820		1.3
TH	1255		2.3	FR	1420		2.2
JE	2005		1.0	VE	2020		1.4
15	0245		2.3	30	0225		2.5
	0825		1.7		0905		1.0
FR	1355		2.3	SA	1520		2.2
VE	2035		1.2	SA	2055		1.7
				31	0250		2.6
					0945		.9
				SU	1635		2.1
				DI	2130		1.9

VICTORIA HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0315		2.6	16	0235		2.7
	1025		.7		1010		.3
MO	1940		2.2	TU	1945		2.3
LU	2205		2.1	MA	2140		2.2
2	0335		2.6	17	0250		2.8
	1105		.7		1055		.2
TU	2105		2.3	WE	2100		2.4
MA	2225		2.3	ME	2220		2.4
3	0345		2.6	18	0255		2.8
	1150		.7		1145		.2
WE				TH	2210		2.5
ME				JE	2305		2.5
4	0320		2.5	19	0315		2.7
	1235		.7		1240		.3
TH				FR	2300		2.5
JE				VE			
5	0240		2.5	20	0020		2.5
	1325		.8		0345		2.6
FR				SA	1340		.4
VE				SA	2340		2.5
6	0220		2.5	21	0225		2.4
	1430		.9		0420		2.4
SA				SU	1440		.6
SA				DI			
7	0215		2.5	22	0005		2.5
	1535		.9		1545		.8
SU				MO			
DI				LU			
8	0200		2.4	23	0015		2.4
	1635		1.0		0535		1.9
MO				TU	0925		2.0
LU				MA	1645		1.0
9	0130		2.3	24	0005		2.4
	1725		1.1		0615		1.6
TU				WE	1115		1.9
MA				ME	1735		1.2
10	0110		2.3	25	0015		2.4
	0640		2.0		0650		1.3
WE	1025		2.0	TH	1250		1.9
ME	1805		1.2	JE	1825		1.5
11	0105		2.3	26	0035		2.5
	0700		1.7		0730		1.0
TH	1205		2.0	FR	1540		2.0
JE	1840		1.3	VE	1905		1.7
12	0110		2.3	27	0100		2.5
	0730		1.4		0805		.8
FR	1315		2.1	SA	1700		2.1
VE	1915		1.5	SA	1945		2.0
13	0125		2.4	28	0125		2.6
	0805		1.1		0845		.6
SA	1415		2.1	SU	1805		2.2
SA	1950		1.6	DI	2020		2.1
14	0145		2.5	29	0145		2.6
	0845		.8		0920		.5
SU	1520		2.2	MO	1910		2.3
DI	2025		1.9	LU	2055		2.3
15	0210		2.6	30	0155		2.6
	0925		.5		1000		.4
MO	1640		2.2	TU	2015		2.4
LU	2100		2.0	MA	2125		2.4

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0125		2.6	16	0135		2.9
	1040		.4		1040		-0.1
WE				TH	2050		2.5
ME				JE	2210		2.5
2	0125		2.6	17	0210		2.8
	1120		.5		1125		.0
TH				FR	2125		2.6
JE				VE	2325		2.5
3	0130		2.5	18	0245		2.7
	1200		.5		1215		.2
FR				SA	2200		2.5
VE				SA			
4	0110		2.5	19	0100		2.4
	1240		.6		0320		2.4
SA	2310		2.5	SU	1310		.5
SA				DI	2225		2.5
5	1325		.8	20	1400		.8
	2320		2.4		2230		2.5
SU				MO			
DI				LU			
6	1415		.9	21	0525		1.8
	2325		2.4		0750		1.9
MO				TU	1455		1.1
LU				MA	2235		2.5
7	1505		1.1	22	0535		1.5
	2330		2.4		1010		1.7
TU				WE	1550		1.4
MA				ME	2250		2.5
8	0700		1.8	23	0605		1.2
	0755		1.8		1410		1.8
WE	1555		1.2	TH	1645		1.7
ME	2330		2.4	JE	2310		2.6
9	0615		1.6	24	0640		.9
	1055		1.8		1535		2.0
TH	1640		1.5	FR	1735		2.0
JE	2335		2.4	VE	2335		2.6
10	0635		1.2	25	0715		.7
	1235		1.8		1645		2.2
FR	1725		1.6	SA	1820		2.2
VE	2350		2.5	SA			
11	0705		.9	26	0000		2.6
	1445		2.0		0750		.5
SA	1810		1.9	SU	1745		2.3
SA				DI	1905		2.3
12	0010		2.6	27	0010		2.6
	0740		.5		0825		.4
SU	1650		2.1	MO	2340		2.6
DI	1855		2.1	LU			
13	0030		2.7	28	0900		.3
	0825		.2		1945		2.5
MO	1800		2.3	TU	2010		2.5
LU	1935		2.3	MA	2355		2.7
14	0050		2.8	29	0940		.3
	0905		.0				
TU	1905		2.4	WE			
MA	2020		2.4	ME			
15	0110		2.9	30	0020		2.6
	0950		-0.1		1015		.3
WE	2000		2.5	TH	2110		2.5
ME	2110		2.5	JE	2140		2.5
				31	0045		2.6
					1055		.4
				FR	2120		2.5
				VE	2255		2.5

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0105		2.5	16	0330		2.5
	1130		.5		1150		.3
SA	2130		2.5	SU	2040		2.5
SA				DI			
2	0025		2.4	17	0050		2.1
	0110		2.4		0455		2.2
SU	1205		.6	MO	1235		.7
DI	2145		2.5	LU	2035		2.5
3	1240		.8	18	0230		1.8
	2155		2.4		0625		1.9
MO				TU	1320		1.0
LU				MA	2050		2.6
4	1315		1.0	19	0410		1.5
	2155		2.4		0820		1.7
TU				WE	1400		1.4
MA				ME	2115		2.6
5	1350		1.2	20	0500		1.2
	2150		2.4		1320		1.7
WE				TH	1430		1.7
ME				JE	2145		2.6
6	0530		1.5	21	0540		.9
	0855		1.6		2210		2.6
TH	1420		1.4	FR			
JE	2200		2.5	VE			
7	0535		1.2	22	0615		.7
	2210		2.6		2225		2.6
FR				SA			
VE				SA			
8	0600		.9	23	0655		.5
	2230		2.7		2220		2.6
SA				SU			
SA				DI			
9	0640		.5	24	0730		.4
	2250		2.8		2220		2.7
SU				MO			
DI				LU			
10	0720		.2	25	0805		.4
	2315		2.9		2250		2.7
MO				TU			
LU				MA			
11	0805		.0	26	0845		.3
	2350		3.0		2330		2.7
TU				WE			
MA				ME			
12	0850		-0.2	27	0920		.3
	1915		2.5		2005		2.5
WE	1950		2.5	TH	2035		2.5
ME				JE			
13	0035		3.0	28	0015		2.6
	0935		-0.2		0955		.3
TH	1940		2.5	FR	2010		2.4
JE	2105		2.5	VE	2140		2.4
14	0125		2.9	29	0055		2.6
	1020		-0.2		1030		.4
FR	2005		2.5	SA	2010		2.4
VE	2215		2.4	SA	2240		2.3
15	0225		2.7	30	0135		2.4
	1105		.0		1100		.5
SA	2030		2.5	SU	2015		2.4
SA	2330		2.3	DI	2340		2.2

VICTORIA PST Z+8

1991

JULY-JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0205	7.0	2.3	16	0025	5.5	1.7
	1135	2.3	.7		0520	6.7	2.0
MO	2010	7.8	2.4	TU	1200	3.3	1.0
LU				MA	1905	8.4	2.6
2	0045	6.8	2.1	17	0140	4.9	1.5
	0240	6.8	2.1		0645	5.9	1.8
TU	1205	3.0	.9	WE	1235	4.5	1.4
MA	2000	8.0	2.4	ME	1935	8.4	2.6
3	0155	6.1	1.9	18	0300	4.0	1.2
	0325	6.1	1.9		1120	5.7	1.7
WE	1230	3.7	1.1	TH	1255	5.6	1.7
ME	2005	8.1	2.5	JE	2005	8.4	2.6
4	0305	5.2	1.6	19	0410	3.3	1.0
	0710	5.5	1.7		2030	8.4	2.6
TH	1255	4.6	1.4	FR			
JE	2020	8.2	2.5	VE			
5	0400	4.3	1.3	20	0505	2.7	.8
	2035	8.8	2.6		2050	8.5	2.6
FR				SA			
VE				SA			
6	0445	3.3	1.0	21	0550	2.3	.7
	2055	8.8	2.7		2050	8.5	2.6
SA				SU			
SA				DI			
7	0530	2.3	.7	22	0630	1.9	.6
	2115	9.2	2.8		2105	8.6	2.6
SU				MO			
DI				LU			
8	0615	1.3	.4	23	0710	1.7	.5
	2150	9.4	2.9		2150	8.6	2.6
MO				TU			
LU				MA			
9	0700	.4	.1	24	0750	1.0	.5
	2240	9.8	3.0		2245	8.6	2.6
TU				WE			
MA				ME			
10	0745	-0.2	-0.1	25	0825	1.3	.5
	2340	9.8	3.0		1850	7.5	2.4
WE				TH	1945	7.9	2.4
ME				JE	2350	8.6	2.6
11	0830	-0.4	-0.1	26	0900	1.5	.5
	1830	8.1	2.5		1850	7.7	2.3
TH	1955	8.0	2.4	FR	2035	7.8	2.3
JE				VE			
12	0050	9.0	2.9	27	0055	8.2	2.5
	0915	-0.3	-0.1		0930	1.7	.5
FR	1850	8.0	2.4	SA	1845	7.4	2.3
VE	2105	7.8	2.3	SA	2125	7.3	2.2
13	0200	8.5	2.8	28	0155	6.8	2.4
	1000	.3	.1		1000	5.5	.6
SA	1855	7.6	2.4	SU	1810	7.0	2.3
SA	2210	7.0	2.1	DI	2215	6.8	2.1
14	0305	8.0	2.6	29	0250	7.0	2.3
	1040	1.0	.3		1030	7.0	.8
SU	1815	8.0	2.4	MO	1755	7.1	2.3
DI	2315	6.4	2.0	LU	2305	6.1	1.9
15	0410	7.2	2.3	30	0345	7.0	2.2
	1120	2.1	.6		1100	3.0	.9
MO	1835	8.0	2.5	TU	1805	7.5	2.4
LU				MA	2355	5.4	1.7
				31	0450	6.3	2.0
					1130	3.8	1.2
				WE	1825	7.7	2.5
				ME			

AUGUST-AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0050	4.9	1.5	16	0155	5.4	1.0
	0605	6.0	1.8		1850	8.4	2.6
TH	1155	4.9	1.5	FR			
JE	1845	8.2	2.5	VE			
2	0145	4.3	1.3	17	0310	3.1	.9
	0740	5.7	1.7		1910	8.4	2.6
FR	0930	5.6	1.7	SA			
VE	1905	8.4	2.6	SA			
3	0250	3.4	1.0	18	0420	2.9	.9
	1925	8.7	2.7		1920	8.5	2.5
SA				SU			
SA				DI			
4	0355	2.6	.8	19	0515	2.9	.8
	1950	8.5	2.7		1945	8.3	2.5
SU				MO			
DI				LU			
5	0500	1.8	.5	20	0600	2.4	.7
	2030	8.3	2.8		1645	8.3	2.4
MO				TU	1750	8.3	2.4
LU				MA	2035	8.2	2.5
6	0555	1.3	.4	21	0645	2.3	.7
	2125	8.4	2.9		1700	7.9	2.4
TU				WE	1830	7.9	2.4
MA				ME	2145	8.1	2.5
7	0645	1.0	.2	22	0725	2.3	.7
	2240	8.4	2.9		1715	7.5	2.3
WE				TH	1910	7.6	2.3
ME				JE	2330	8.1	2.5
8	0730	1.4	.1	23	0755	2.3	.7
	1710	7.8	2.4		1710	7.4	2.3
TH	1855	7.6	2.3	FR	1945	7.6	2.2
JE				VE			
9	0005	8.3	2.8	24	0040	8.0	2.4
	0815	1.0	.2		0830	2.3	.7
FR	1715	7.6	2.3	SA	1610	7.5	2.2
VE	2000	7.0	2.1	SA	2025	6.8	2.0
10	0115	8.9	2.7	25	0135	7.9	2.4
	0855	1.0	.3		0900	2.7	.8
SA	1610	7.7	2.3	SU	1555	7.6	2.3
SA	2100	6.4	2.0	DI	2110	6.0	1.8
11	0220	8.6	2.6	26	0225	7.6	2.3
	0935	1.7	.5		0925	3.4	1.0
SU	1625	7.5	2.4	MO	1610	7.6	2.3
DI	2200	5.6	1.7	LU	2150	5.3	1.6
12	0320	7.6	2.4	27	0320	7.0	2.2
	1015	2.6	.8		0955	3.9	1.2
MO	1655	8.2	2.5	TU	1630	7.8	2.4
LU	2255	4.9	1.5	MA	2235	4.6	1.4
13	0425	7.3	2.2	28	0415	7.0	2.1
	1050	3.7	1.1		1025	4.6	1.4
TU	1725	8.6	2.6	WE	1650	8.2	2.5
MA	2350	4.3	1.3	ME	2320	3.9	1.2
14	0535	6.6	2.0	29	0515	6.8	2.0
	1125	5.0	1.5		1055	5.3	1.6
WE	1755	8.4	2.6	TH	1715	8.2	2.5
ME				JE			
15	0050	3.7	1.1	30	0010	3.4	1.0
	0735	6.1	1.8		0630	6.2	1.9
TH	1150	5.9	1.8	FR	1120	5.9	1.8
JE	1825	8.6	2.6	VE	1735	8.7	2.6
				31	0105	3.0	.9
					1750	8.5	2.6
				SA			
				SA			

SEPTEMBER-SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0205	2.6	.8	16	0315	3.0	.9
	1810	8.9	2.7		1455	8.1	2.4
SU				MO			
DI				LU			
2	0315	3.0	.7	17	0425	3.0	.9
	1855	8.9	2.7		1500	8.0	2.4
MO				TU			
LU				MA			
3	0430	1.9	.6	18	0520	3.1	.9
	1955	8.8	2.7		1515	7.9	2.4
TU				WE	1820	7.4	2.3
MA				ME	2005	7.6	2.3
4	0530	1.6	.5	19	0605	3.1	.9
	1525	9.0	2.4		1515	7.2	2.3
WE	1655	7.7	2.3	TH	1840	7.0	2.1
ME	2125	8.6	2.6	JE	2230	7.4	2.2
5	0620	1.6	.5	20	0645	3.4	1.0
	1530	7.8	2.3		1425	7.2	2.3
TH	1810	7.3	2.2	FR	1905	6.6	2.0
JE	2315	8.8	2.6	VE			
6	0705	1.7	.5	21	0000	7.3	2.2
	1440	7.8	2.3		0715	3.6	1.1
FR	1910	6.8	2.0	SA	1410	7.4	2.3
VE				SA	1935	6.0	1.8
7	0030	8.8	2.5	22	0055	7.3	2.2
	0745	2.1	.6		0750	3.8	1.2
SA	1430	7.7	2.3	SU	1415	7.6	2.3
SA	2000	6.4	1.7	DI	2010	5.1	1.6
8	0135	8.1	2.5	23	0150	7.3	2.2
	0830	2.8	.9		0815	4.3	1.3
SU	1455	7.5	2.4	MO	1435	7.7	2.3
DI	2050	4.7	1.4	LU	2045	4.2	1.3
9	0240	7.7	2.3	24	0245	7.3	2.2
	0905	3.6	1.1		0845	4.8	1.5
MO	1520	8.2	2.5	TU	1455	8.0	2.4
LU	2140	3.8	1.2	MA	2125	3.8	1.1
10	0340	7.3	2.2	25	0340	7.3	2.2
	0945	4.6	1.4		0920	5.5	1.7
TU	1550	8.4	2.6	WE	1515	8.1	2.5
MA	2230	3.3	1.0	ME	2210	3.0	.9
11	0445	7.0	2.1	26	0440	7.1	2.2
	1020	5.6	1.7		0950	6.1	1.9
WE	1620	8.4	2.6	TH	1540	8.0	2.6
ME	2315	2.9	.9	JE	2250	2.1	.7
12	0625	6.7	2.0	27	0555	7.0	2.1
	1050	6.2	1.9		1025	6.8	2.1
TH	1650	8.4	2.6	FR	1555	8.0	2.6
JE				VE	2340	1.9	.6
13	0005	2.7	.8	28	0945	7.4	2.3
	0950	7.0	2.1		1050	7.3	2.2
FR	1110	7.0	2.1	SA	1600	6.8	2.7
VE	1710	8.4	2.6	SA			
14	0100	2.9	.9	29	0030	1.9	.5
	1720	8.2	2.5		1605	8.8	2.7
SA				SU			
SA				DI			
15	0205	3.0	.9	30	0130	1.9	.6
	1715	8.7	2.5		1645	8.7	2.7
SU				MO			
DI				LU			

VICTORIA HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0240	[illegible]	.6	16	0310	[illegible]	1.0
	1305	[illegible]	2.4		1245	[illegible]	2.4
TU	1425	[illegible]	2.4	WE			
MA	1755	[illegible]	2.5	ME			
2	0350	[illegible]	.7	17	0410	[illegible]	1.1
	1315	[illegible]	2.4		1230	[illegible]	2.4
WE	1630	[illegible]	2.3	TH			
ME	1945	[illegible]	2.4	JE			
3	0450	[illegible]	.8	18	0500	[illegible]	1.2
	1320	[illegible]	2.4		1230	[illegible]	2.4
TH	1735	[illegible]	2.0	FR	1840	[illegible]	1.9
JE	2215	[illegible]	2.3	VE	2255	[illegible]	2.0
4	0545	[illegible]	.9	19	0545	[illegible]	1.4
	1255	[illegible]	2.4		1235	[illegible]	2.4
FR	1825	[illegible]	1.8	SA	1855	[illegible]	1.6
VE	2345	[illegible]	2.2	SA			
5	0630	[illegible]	1.1	20	0015	[illegible]	2.0
	1305	[illegible]	2.4		0620	[illegible]	1.5
SA	1910	[illegible]	1.5	SU	1245	[illegible]	2.4
SA				DI	1920	[illegible]	1.3
6	0100	[illegible]	2.2	21	0120	[illegible]	2.1
	0715	[illegible]	1.3		0655	[illegible]	1.7
SU	1330	[illegible]	2.5	MO	1300	[illegible]	2.5
DI	1955	[illegible]	1.2	LU	1950	[illegible]	1.1
7	0205	[illegible]	2.2	22	0225	[illegible]	2.1
	0755	[illegible]	1.5		0725	[illegible]	1.9
MO	1355	[illegible]	2.6	TU	1315	[illegible]	2.6
LU	2040	[illegible]	.9	MA	2025	[illegible]	.8
8	0310	[illegible]	2.2	23	0325	[illegible]	2.2
	0835	[illegible]	1.8		0800	[illegible]	2.0
TU	1425	[illegible]	2.6	WE	1340	[illegible]	2.7
MA	2120	[illegible]	.7	ME	2105	[illegible]	.5
9	0440	[illegible]	2.2	24	0605	[illegible]	2.3
	0915	[illegible]	2.0		0840	[illegible]	2.2
WE	1450	[illegible]	2.6	TH	1355	[illegible]	2.7
ME	2205	[illegible]	.6	JE	2145	[illegible]	.4
10	0720	[illegible]	2.3	25	0725	[illegible]	2.4
	0950	[illegible]	2.2		0915	[illegible]	2.3
TH	1510	[illegible]	2.6	FR	1400	[illegible]	2.8
JE	2245	[illegible]	.6	VE	2230	[illegible]	.2
11	0835	[illegible]	2.3	26	0830	[illegible]	2.5
	1025	[illegible]	2.3		1000	[illegible]	2.5
FR	1520	[illegible]	2.6	SA	1410	[illegible]	2.8
VE	2330	[illegible]	.6	SA	2315	[illegible]	.2
12	1000	[illegible]	2.4	27	0935	[illegible]	2.6
	1050	[illegible]	2.4		1050	[illegible]	2.5
SA	1450	[illegible]	2.6	SU	1435	[illegible]	2.8
SA				DI			
13	0015	[illegible]	.7	28	0005	[illegible]	.3
	1415	[illegible]	2.5		1025	[illegible]	2.6
SU				MO	1200	[illegible]	2.6
DI				LU	1510	[illegible]	2.7
14	0105	[illegible]	.8	29	0100	[illegible]	.5
	1300	[illegible]	2.5		1100	[illegible]	2.6
MO				TU	1345	[illegible]	2.5
LU				MA	1545	[illegible]	2.5
15	0205	[illegible]	.9	30	0200	[illegible]	.7
	1255	[illegible]	2.5		1125	[illegible]	2.6
TU				WE			
MA				ME			
				31	0300	[illegible]	.9
					1130	[illegible]	2.6
				TH	1715	[illegible]	2.0
				JE	2050	[illegible]	2.0

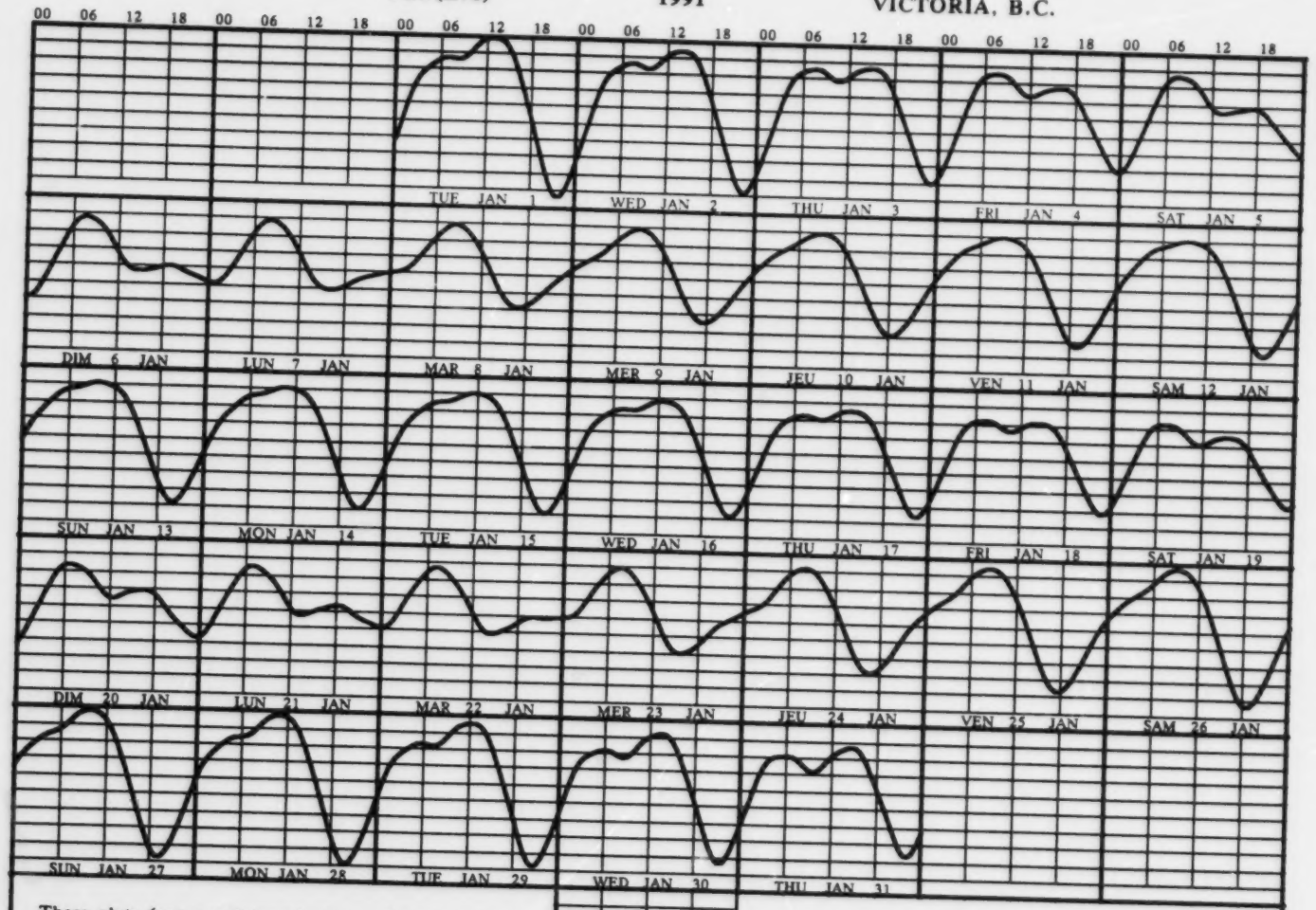
NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0405	[illegible]	1.2	16	0305	[illegible]	1.5
	1125	[illegible]	2.6		1100	[illegible]	2.6
FR	1750	[illegible]	1.6	SA	1820	[illegible]	1.6
VE	2255	[illegible]	2.0	SA	2325	[illegible]	1.8
2	0500	[illegible]	1.4	17	0350	[illegible]	1.7
	1140	[illegible]	2.6		1105	[illegible]	2.6
SA	1830	[illegible]	1.3	SU	1830	[illegible]	1.3
SA				DI			
3	0045	[illegible]	2.0	18	0250	[illegible]	2.0
	0550	[illegible]	1.7		0435	[illegible]	1.9
SU	1205	[illegible]	2.7	MO	1120	[illegible]	2.7
DI	1905	[illegible]	1.0	LU	1855	[illegible]	1.0
4	0335	[illegible]	2.1	19	0410	[illegible]	2.1
	0635	[illegible]	1.9		0525	[illegible]	2.1
MO	1230	[illegible]	2.7	TU	1135	[illegible]	2.7
LU	1945	[illegible]	.7	MA	1925	[illegible]	.7
5	0445	[illegible]	2.3	20	0510	[illegible]	2.3
	0720	[illegible]	2.1		0615	[illegible]	2.3
TU	1255	[illegible]	2.7	WE	1155	[illegible]	2.8
MA	2025	[illegible]	.5	ME	2005	[illegible]	.4
6	0550	[illegible]	2.4	21	0600	[illegible]	2.5
	0800	[illegible]	2.3		0700	[illegible]	2.5
WE	1320	[illegible]	2.7	TH	1205	[illegible]	3.0
ME	2100	[illegible]	.4	JE	2045	[illegible]	.2
7	0650	[illegible]	2.5	22	0655	[illegible]	2.6
	0845	[illegible]	2.4		0750	[illegible]	2.6
TH	1325	[illegible]	2.7	FR	1230	[illegible]	3.0
JE	2140	[illegible]	.4	VE	2130	[illegible]	.0
8	0745	[illegible]	2.6	23	0740	[illegible]	2.7
	0925	[illegible]	2.5		0845	[illegible]	2.7
FR	1305	[illegible]	2.7	SA	1300	[illegible]	3.0
VE	2220	[illegible]	.4	SA	2210	[illegible]	.0
9	0845	[illegible]	2.6	24	0820	[illegible]	2.7
	1005	[illegible]	2.6		0950	[illegible]	2.7
SA	1310	[illegible]	2.7	SU	1335	[illegible]	3.0
SA	2300	[illegible]	.5	DI	2300	[illegible]	.1
10	0935	[illegible]	2.6	25	0855	[illegible]	2.7
	1100	[illegible]	2.6		1100	[illegible]	2.7
SU	1320	[illegible]	2.7	MO	1415	[illegible]	2.8
DI	2340	[illegible]	.6	LU	2345	[illegible]	.3
11	1010	[illegible]	2.6	26	0925	[illegible]	2.7
					1225	[illegible]	2.5
MO				TU	1450	[illegible]	2.6
LU				MA			
12	0020	[illegible]	.7	27	0035	[illegible]	.5
	1030	[illegible]	2.6		0945	[illegible]	2.7
TU				WE	1410	[illegible]	2.3
MA				ME	1515	[illegible]	2.3
13	0100	[illegible]	.9	28	0120	[illegible]	.9
	1040	[illegible]	2.6		0945	[illegible]	2.7
WE				TH	1730	[illegible]	2.0
ME				JE	1905	[illegible]	2.0
14	0140	[illegible]	1.1	29	0210	[illegible]	1.2
	1050	[illegible]	2.6		0950	[illegible]	2.7
TH				FR	1720	[illegible]	1.6
JE				VE	2130	[illegible]	1.8
15	0220	[illegible]	1.3	30	0300	[illegible]	1.6
	1055	[illegible]	2.6		1015	[illegible]	2.8
FR	1850	[illegible]	1.8	SA	1745	[illegible]	1.2
VE	2015	[illegible]	1.8	SA			

DECEMBER–DECEMBRE

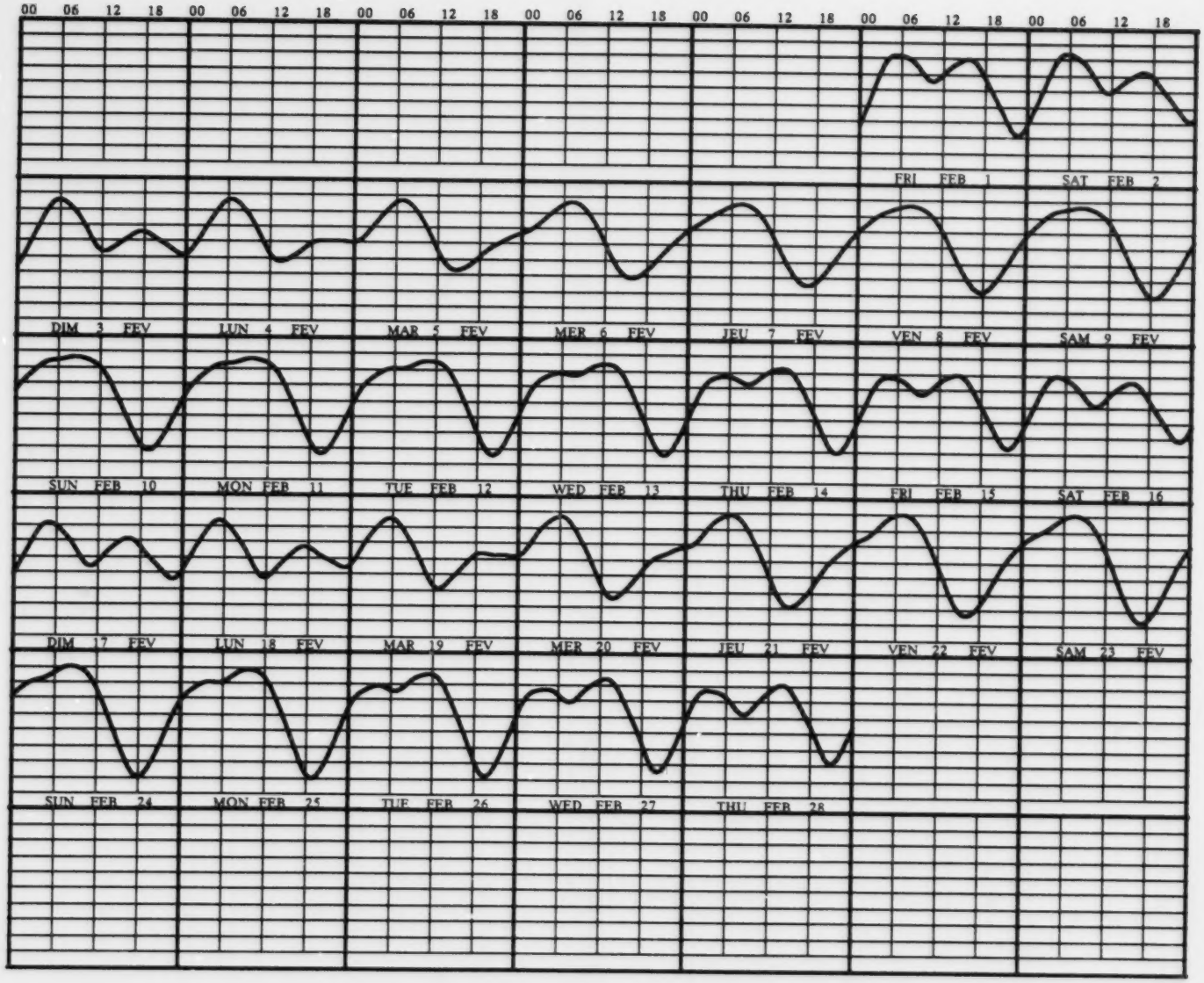
Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0200	[illegible]	1.9	16	0940	[illegible]	2.8
	0355	[illegible]	1.9		1800	[illegible]	1.1
SU	1040	[illegible]	2.8	MO			
DI	1820	[illegible]	1.0	LU			
2	0330	[illegible]	2.2	17	0955	[illegible]	2.9
	0450	[illegible]	2.2		1830	[illegible]	.7
MO	1105	[illegible]	2.8	TU			
LU	1855	[illegible]	.7	MA			
3	0435	[illegible]	2.4	18	1015	[illegible]	3.0
	0545	[illegible]	2.4		1905	[illegible]	.5
TU	1130	[illegible]	2.8	WE			
MA	1930	[illegible]	.5	ME			
4	0530	[illegible]	2.6	19	1040	[illegible]	3.1
	0635	[illegible]	2.5		1945	[illegible]	.2
WE	1145	[illegible]	2.9	TH			
ME	2010	[illegible]	.4	JE			
5	0625	[illegible]	2.7	20	1120	[illegible]	3.2
	0725	[illegible]	2.7		2030	[illegible]	.0
TH	1130	[illegible]	2.9	FR			
JE	2045	[illegible]	.4	VE			
6	0715	[illegible]	2.7	21	1205	[illegible]	3.2
	0810	[illegible]	2.7		2110	[illegible]	-0.1
FR	1140	[illegible]	2.9	SA			
VE	2125	[illegible]	.4	SA			
7	0755	[illegible]	2.7	22	0720	[illegible]	2.7
	0900	[illegible]	2.7		0835	[illegible]	2.7
SA	1210	[illegible]	2.8	SU	1255	[illegible]	3.1
SA	2200	[illegible]	.4	DI	2155	[illegible]	.0
8	0830	[illegible]	2.7	23	0740	[illegible]	2.7
	0955	[illegible]	2.7		0950	[illegible]	2.6
SU	1240	[illegible]	2.8	MO	1350	[illegible]	3.0
DI	2235	[illegible]	.5	LU	2240	[illegible]	.2
9	0850	[illegible]	2.7	24	0800	[illegible]	2.7
	1100	[illegible]	2.7		1100	[illegible]	2.5
MO	1305	[illegible]	2.7	TU	1450	[illegible]	2.7
LU	2315	[illegible]	.6	MA	2320	[illegible]	.4
10	0900	[illegible]	2.7	25	0755	[illegible]	2.7
	1230	[illegible]	2.6		1215	[illegible]	2.3
TU	1305	[illegible]	2.6	WE	1615	[illegible]	2.4
MA	2345	[illegible]	.7	ME			
11	0910	[illegible]	2.7	26	0005	[illegible]	.7
					0745	[illegible]	2.8
WE				TH	1340	[illegible]	2.0
ME				JE	1750	[illegible]	2.1
12	0015	[illegible]	.9	27	0045	[illegible]	1.1
	0915	[illegible]	2.7		0810	[illegible]	2.8
TH				FR	1525	[illegible]	1.7
JE				VE	1935	[illegible]	1.8
13	0045	[illegible]	1.2	28	0120	[illegible]	1.5
	0920	[illegible]	2.7		0840	[illegible]	2.9
FR				SA	1635	[illegible]	1.3
VE				SA			
14	0105	[illegible]	1.4	29	0910	[illegible]	2.9
	0920	[illegible]	2.7		1720	[illegible]	1.0
SA	1745	[illegible]	1.6	SU			
SA	2035	[illegible]	1.7	DI			
15	0105	[illegible]	1.6	30	0940	[illegible]	2.9
	0930	[illegible]	2.7		1800	[illegible]	.8
SU	1740	[illegible]	1.4	MO			
DI				LU			
				31	1005	[illegible]	2.9
					1840	[illegible]	.7
				TU			
				MA			

PST(Z+8) 1991 VICTORIA, B.C.



These plots (one month/page) give a pictorial version of the predicted tides for this station which experiences relatively complicated tidal behaviour. For precise time and height values, the preceding prediction tables must be used.

Ces graphiques (un mois/page) illustrent des marées prédites pour cette station ayant des caractéristiques des marées relativement compliquées. Pour obtenir des heures et des hauteurs précises les tables de prédictions qui précèdent doivent être utillisées.



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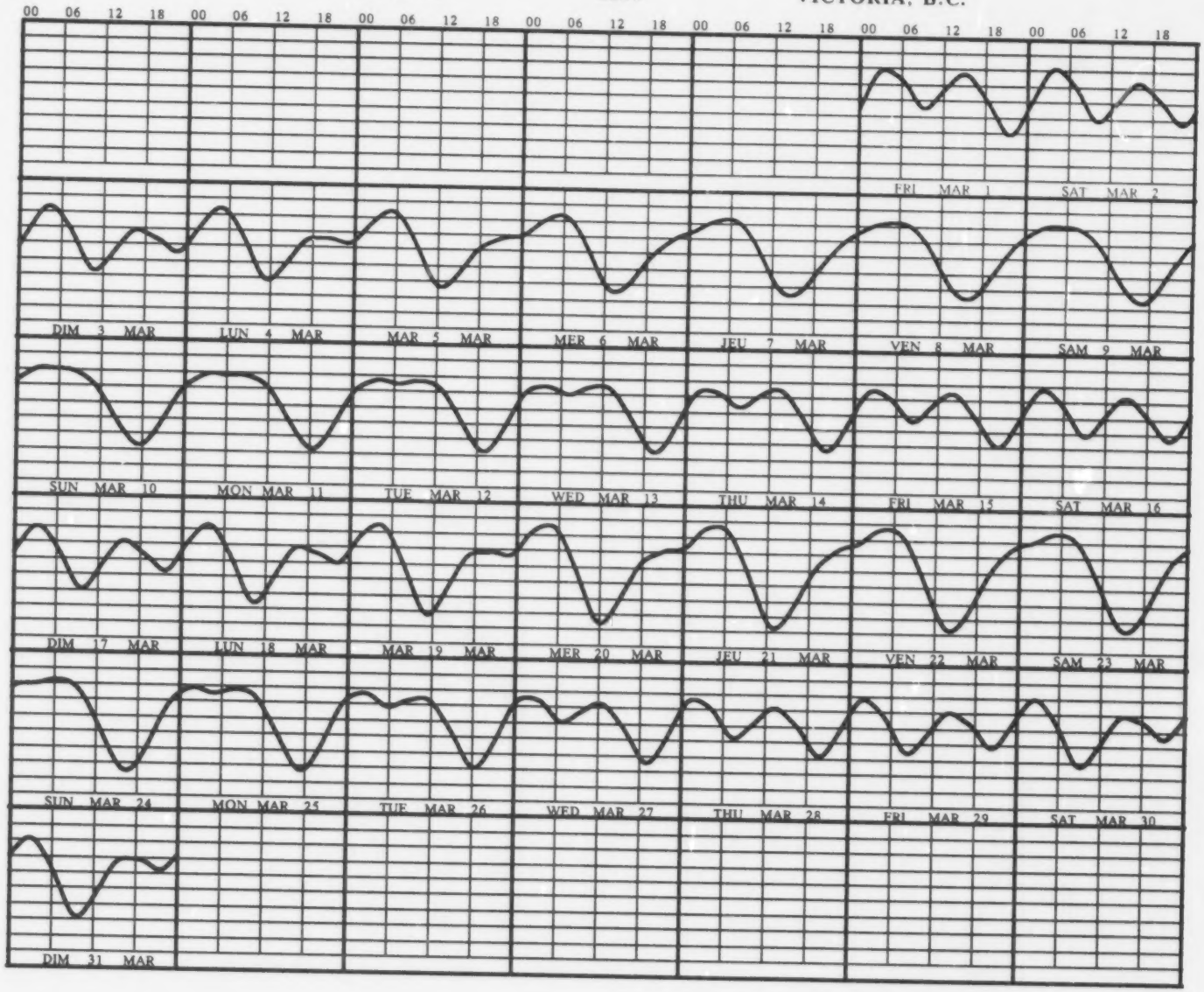
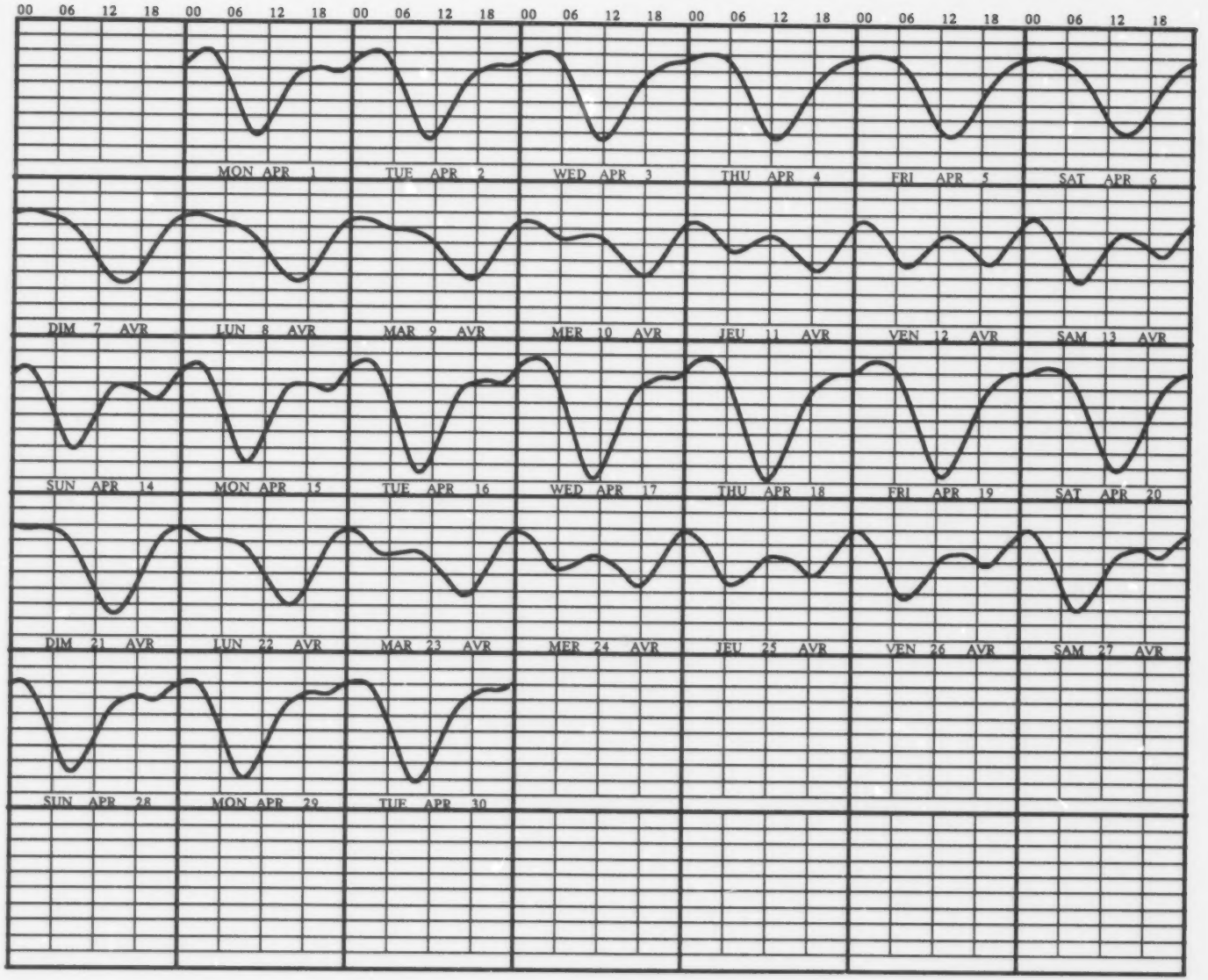
PST(Z+8) 1991 VICTORIA, B.C.





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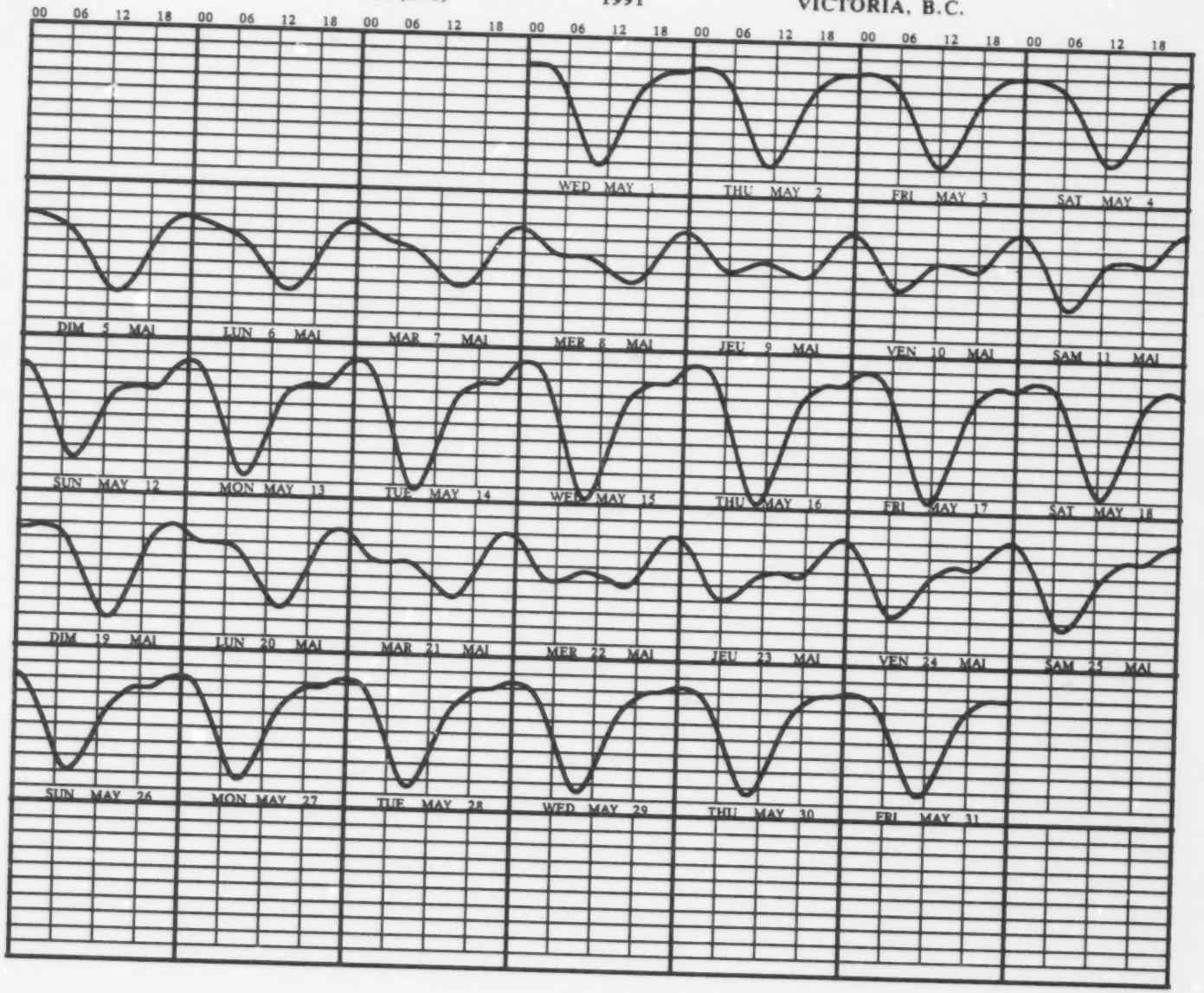

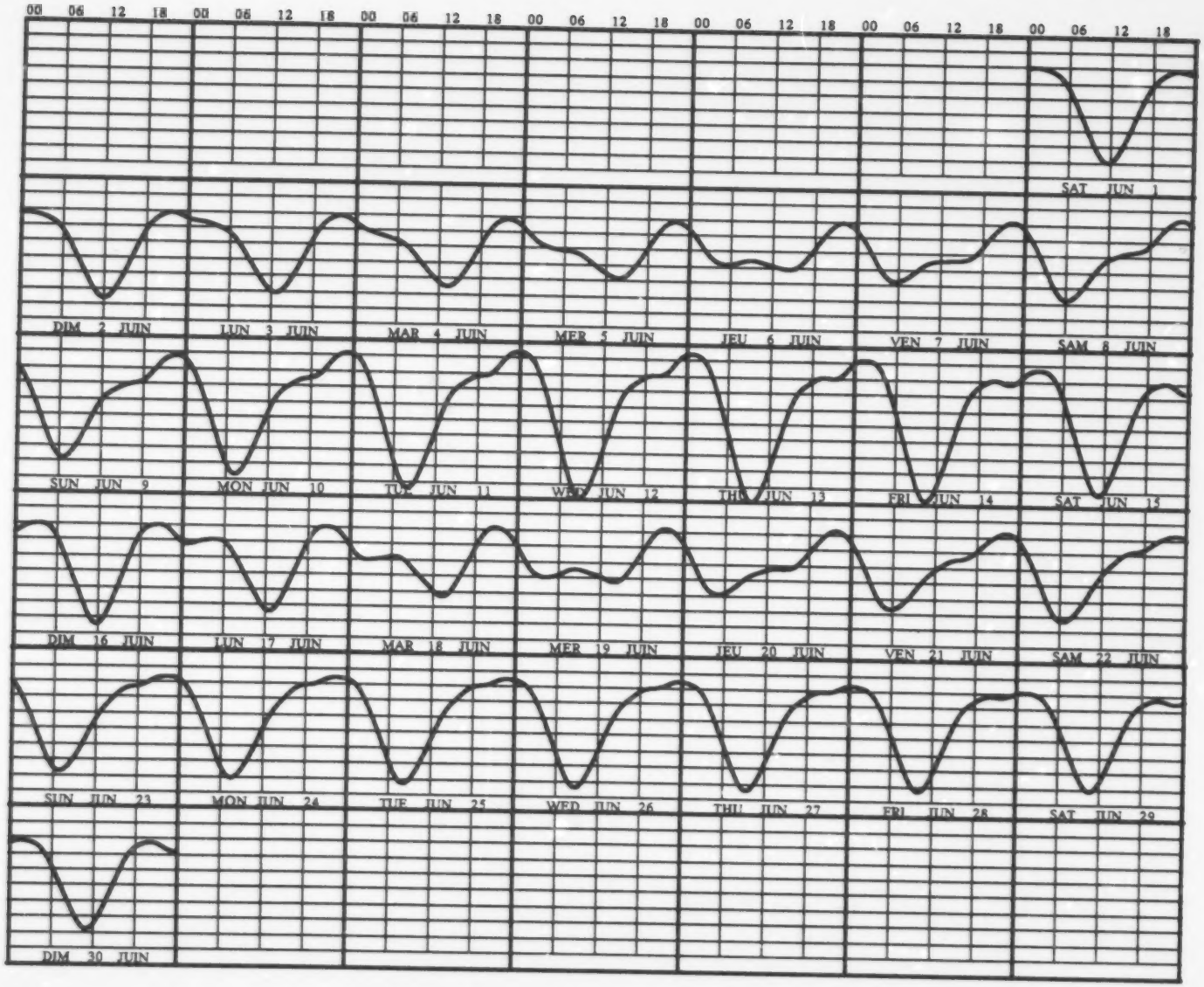

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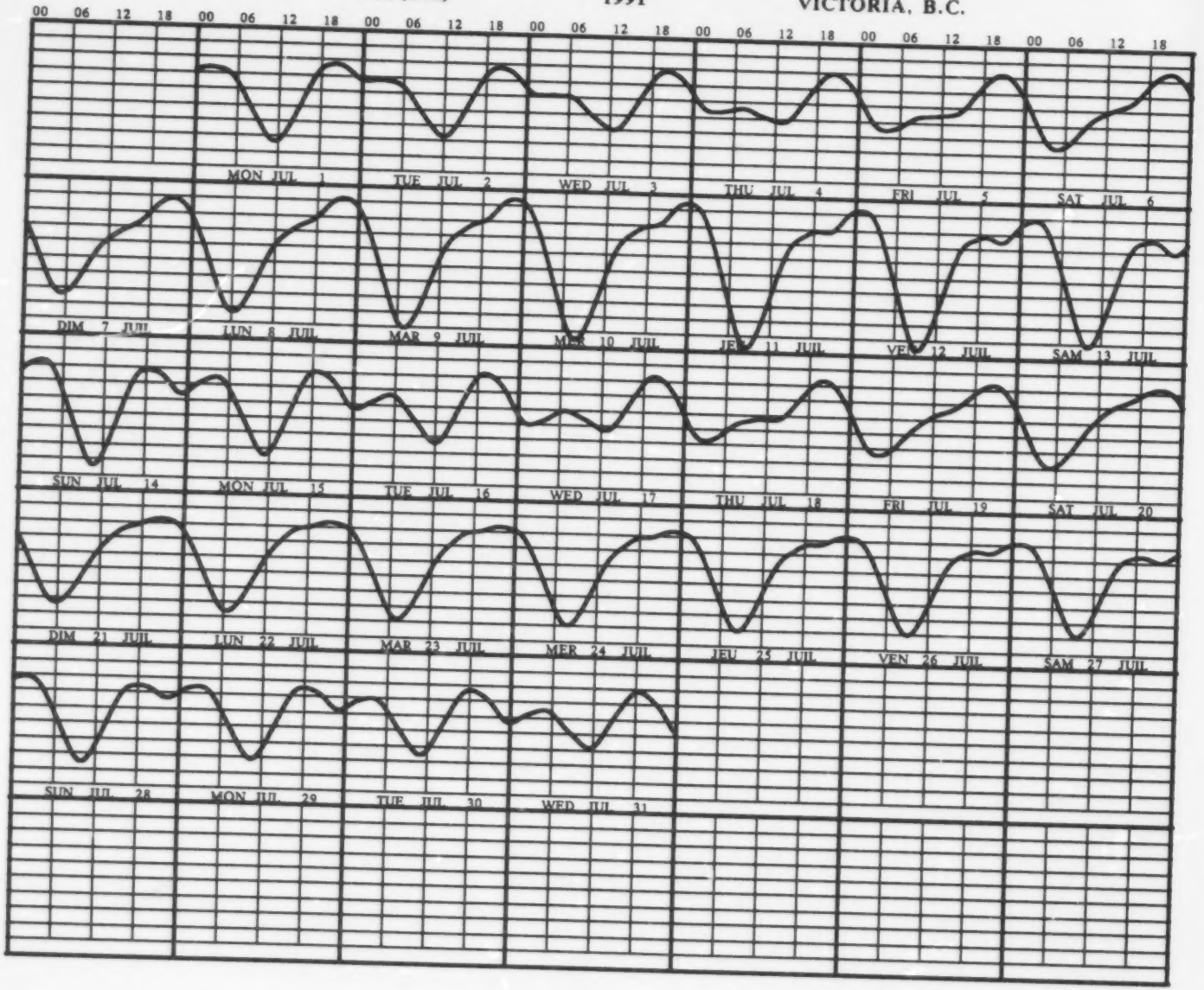

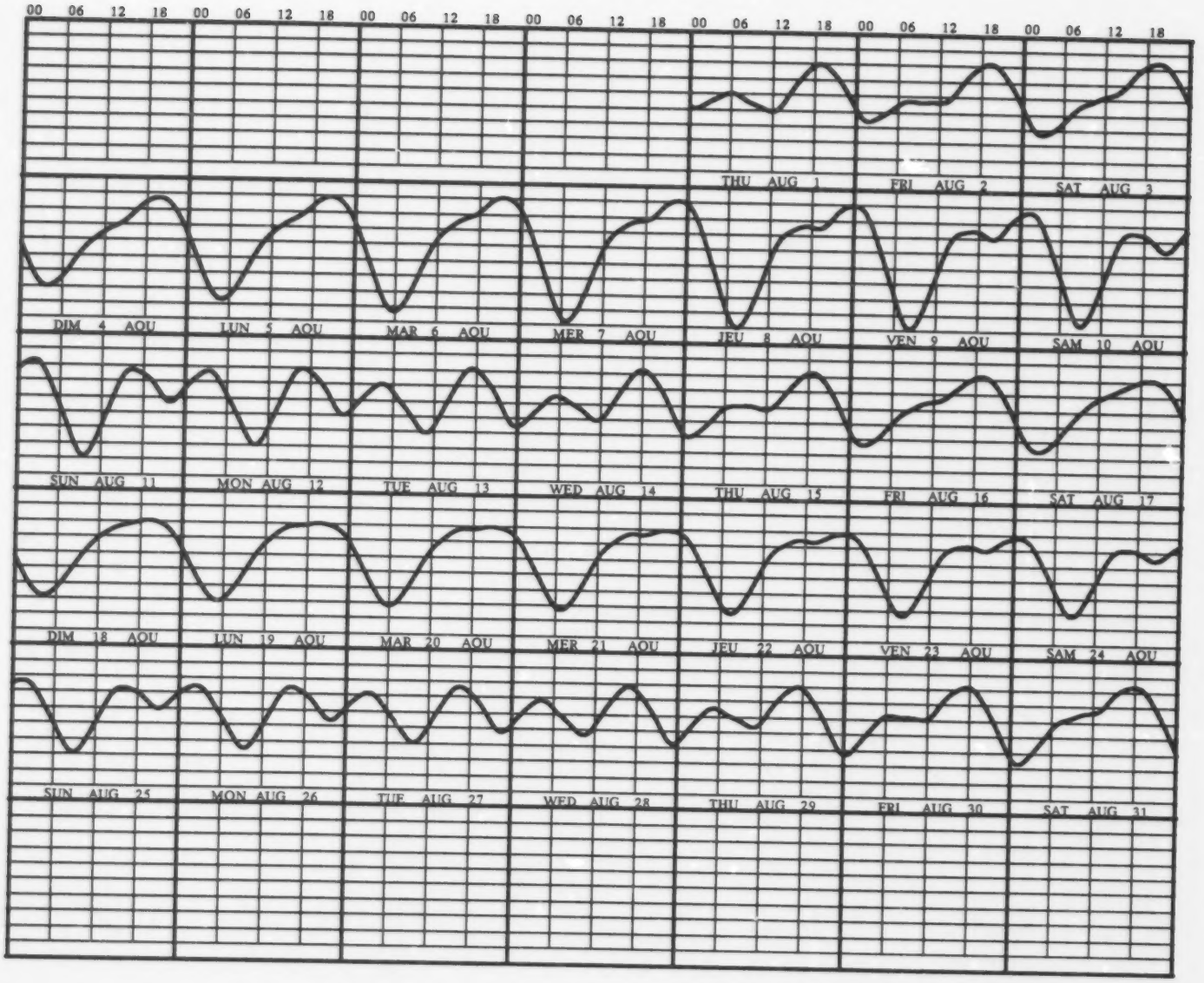

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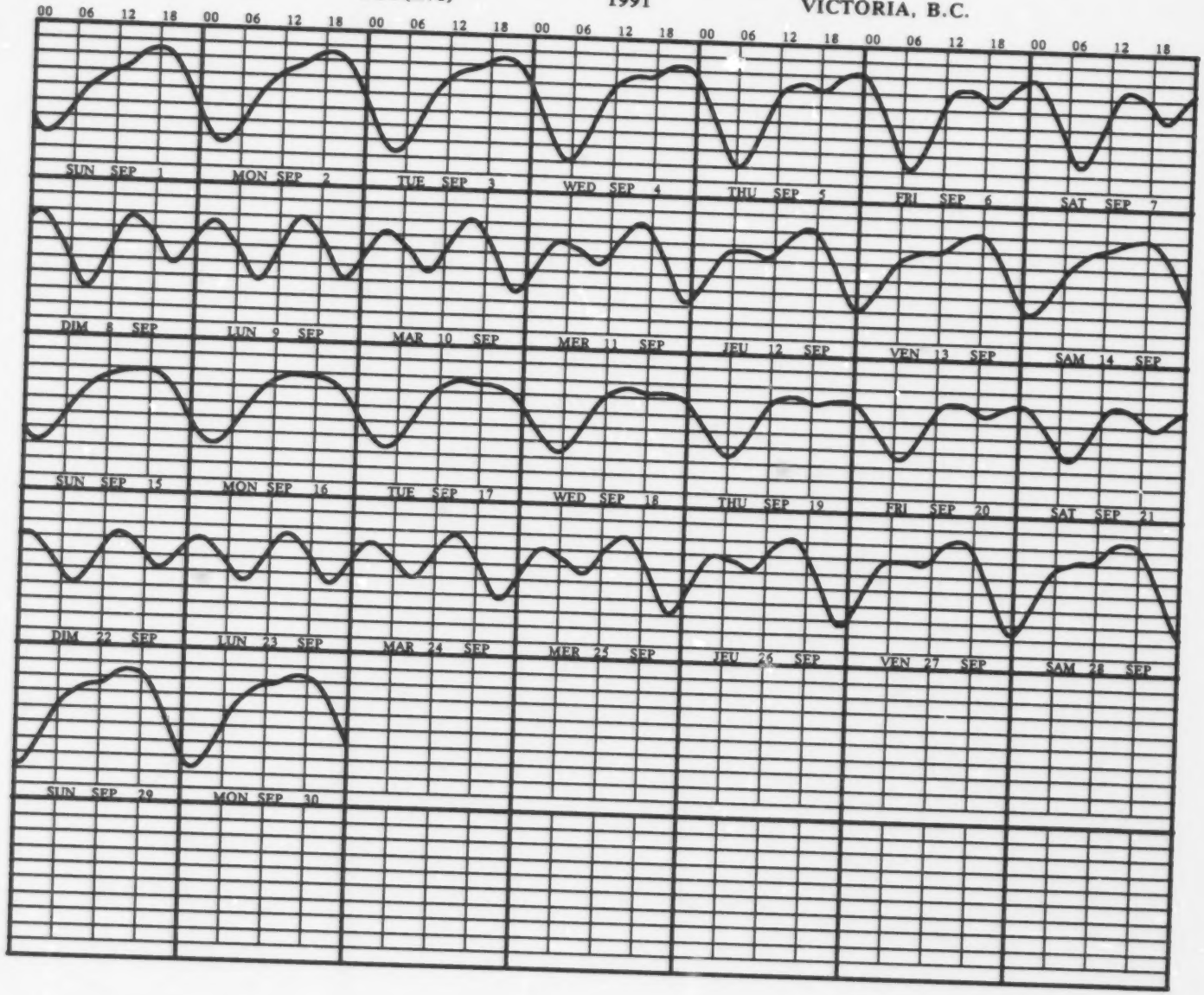
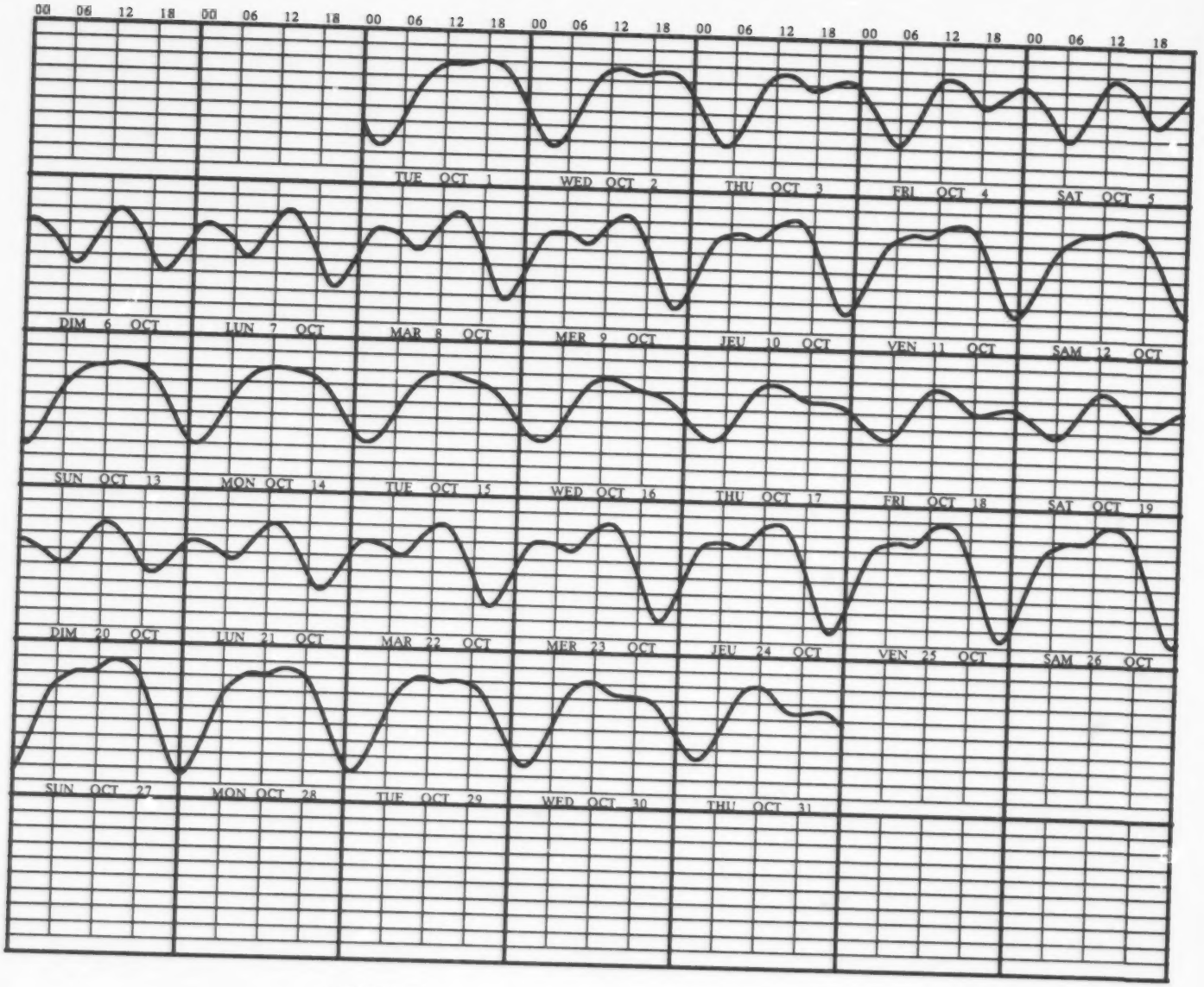
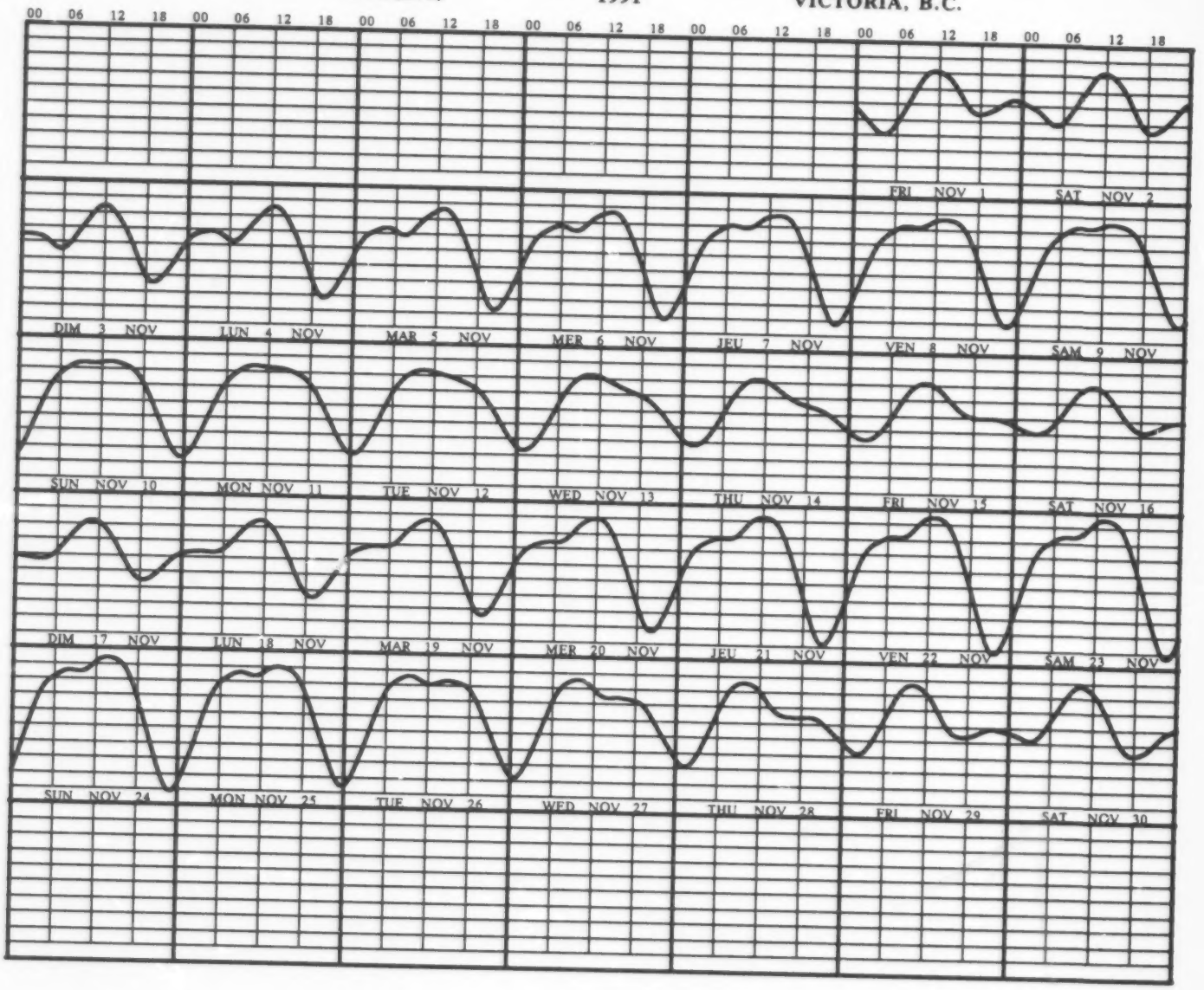
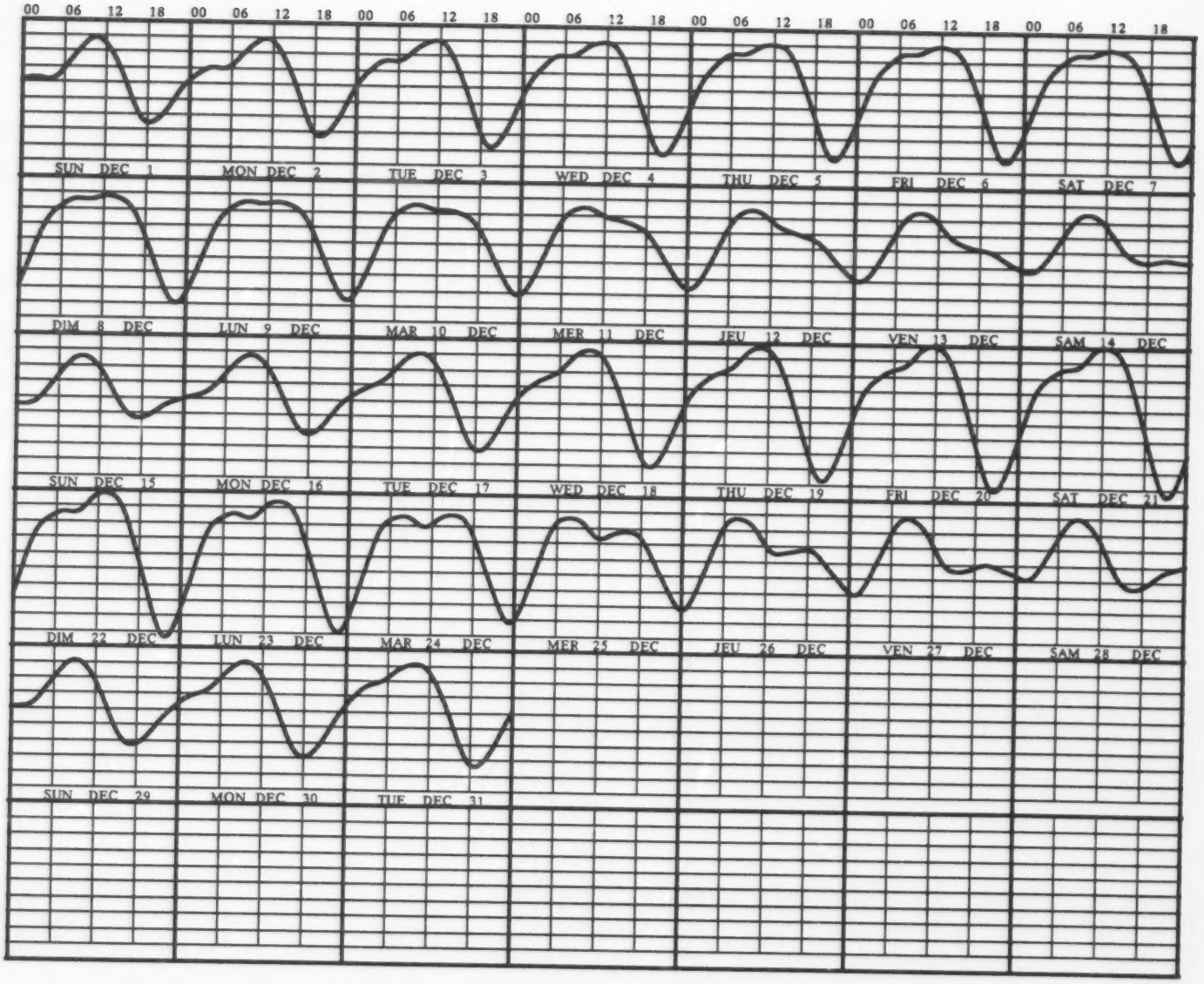




HNP(Z+8) 1991 VICTORIA, B.C.

PST(Z+8) 1991 VICTORIA, B.C.





HNP(Z+8) 1991 VICTORIA, B.C.

1991

JANUARY–JANVIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0549	10.1	3.1	16	0557	9.1	2.8
	1013	7.4	2.3		1052	6.6	2.0
TU	1502	8.5	2.8	WE	1503	7.6	2.3
MA	2220	-2.9	-0.9	ME	2216	-1.0	-0.3
2	0626	10.1	3.1	17	0618	9.1	2.8
	1112	6.7	2.0		1126	6.3	1.9
WE	1605	8.5	2.6	TH	1552	7.3	2.2
ME	2307	-2.1	-0.6	JE	2248	-.7	-0.2
3	0702	10.0	3.0	18	0641	9.1	2.8
	1215	6.0	1.8		1203	5.6	1.7
TH	1711	7.9	2.4	FR	1646	6.9	2.1
JE	2349	-1.0	-0.3	VE	2324	.0	.0
4	0737	9.9	3.0	19	0706	9.2	2.8
	1323	5.0	1.5		1245	4.9	1.5
FR	1820	7.0	2.1	SA	1743	6.6	2.0
VE				SA	2356	1.0	.3
5	0035	.3	.1	20	0730	9.2	2.8
	0809	9.8	3.0		1330	4.0	1.2
SA	1429	4.1	1.2	SU	1850	6.4	1.9
SA	1935	6.3	1.9	DI			
6	0120	1.8	.5	21	0027	2.1	.6
	0844	9.6	2.9		0754	9.3	2.8
SU	1532	3.1	.9	MO	1419	3.1	.9
DI	2107	5.7	1.7	LU	2011	5.7	1.7
7	0203	3.4	1.0	22	0059	3.6	1.1
	0915	9.4	2.9		0819	9.2	2.8
MO	1626	2.3	.7	TU	1508	3.1	.6
LU	2310	5.7	1.7	MA	2157	5.7	1.7
8	0254	4.9	1.5	23	0135	4.9	1.5
	0944	9.1	2.8		0844	9.3	2.8
TU	1715	1.4	.4	WE	1603	1.1	.3
MA				ME			
9	0120	6.6	2.0	24	0024	6.4	2.0
	0400	6.2	1.9		0217	6.3	1.9
WE	1012	8.8	2.7	TH	0913	9.4	2.9
ME	1758	.8	.2	JE	1658	-.1	.0
10	0243	7.6	2.3	25	0948	9.4	2.9
	0530	7.1	2.2		1754	-.7	-0.2
TH	1041	8.4	2.6	FR			
JE	1840	.3	.1	VE			
11	0332	8.2	2.5	26	0303	8.4	2.6
	0656	7.6	2.3		0539	8.1	2.5
FR	1106	8.2	2.5	SA	1031	9.4	2.9
VE	1920	-.2	-0.1	SA	1851	-1.4	-0.4
12	0407	8.7	2.7	27	0338	9.1	2.8
	0810	7.7	2.3		0707	8.1	2.5
SA	1145	8.2	2.5	SU	1139	9.3	2.8
SA	1957	-.5	-0.2	DI	1943	-1.9	-0.6
13	0439	9.0	2.7	28	0413	9.5	2.9
	0904	7.6	2.3		0817	7.7	2.3
SU	1233	8.0	2.4	MO	1302	9.1	2.8
DI	2034	-.8	-0.2	LU	2035	-2.1	-0.6
14	0506	9.3	2.8	29	0445	9.7	3.0
	0945	7.4	2.3		0912	7.1	2.2
MO	1323	7.9	2.4	TU	1411	8.8	2.7
LU	2109	-1.1	-0.3	MA	2121	-2.0	-0.6
15	0534	9.1	2.8	30	0517	9.7	3.0
	1017	7.1	2.2		1005	6.2	1.9
TU	1418	7.8	2.4	WE	1520	8.5	2.6
MA	2143	-1.7	-0.3	ME	2206	-1.6	-0.5
				31	0548	9.7	3.0
					1056	5.2	1.6
				TH	1623	8.3	2.5
				JE	2249	-.6	-0.2

FEBRUARY–FEVRIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0617	9.6	2.9	16	0545	8.8	2.7
	1146	4.3	1.3		1120	3.7	1.1
FR	1725	7.5	2.3	SA	1709	6.7	2.1
VE	2328	.7	.2	SA	2259	1.4	.4
2	0646	9.6	2.9	17	0608	8.9	2.7
	1238	3.4	1.0		1155	2.9	.9
SA	1829	6.9	2.1	SU	1806	6.7	2.1
SA				DI	2333	2.3	.7
3	0010	1.8	.5	18	0631	8.9	2.7
	0715	9.3	2.9		1237	1.9	.6
SU	1327	2.9	.8	MO	1913	6.7	2.0
DI	1939	6.4	2.0	LU			
4	0049	3.3	1.0	19	0005	3.6	1.1
	0741	9.1	2.8		0655	8.9	2.7
MO	1419	2.0	.6	TU	1323	1.4	.4
LU	2102	6.2	1.9	MA	2028	6.6	2.0
5	0133	4.6	1.4	20	0044	4.8	1.5
	0806	8.9	2.7		0720	8.9	2.7
TU	1514	1.8	.5	WE	1417	.8	.2
MA	2255	6.3	1.9	ME	2209	6.7	2.0
6	0219	6.0	1.8	21	0126	6.1	1.9
	0834	8.9	2.6		0748	8.9	2.7
WE	1606	1.3	.4	TH	1517	.1	.0
ME				JE			
7	0105	7.0	2.1	22	0012	7.3	2.2
	0338	6.9	2.1		0220	7.1	2.2
TH	0900	8.1	2.5	FR	0824	8.9	2.7
JE	1702	.9	.3	VE	1623	-.3	-0.1
8	0221	7.7	2.3	23	0138	8.0	2.4
	0524	7.3	2.2		0421	7.7	2.3
FR	0935	8.0	2.4	SA	0913	8.8	2.7
VE	1755	.8	.2	SA	1729	-.9	-0.2
9	0303	8.2	2.5	24	0227	8.6	2.6
	0701	7.6	2.3		0609	7.7	2.3
SA	1020	7.9	2.4	SU	1028	8.5	2.6
SA	1845	.3	.1	DI	1832	-.8	-0.2
10	0338	8.6	2.6	25	0305	8.9	2.7
	0805	7.5	2.2		0723	7.1	2.2
SU	1122	7.9	2.3	MO	1205	8.1	2.5
DI	1930	.1	.0	LU	1928	-.9	-0.3
11	0403	8.7	2.7	26	0334	8.1	2.8
	0847	6.9	2.1		0818	6.3	1.9
MO	1235	7.5	2.3	TU	1327	8.2	2.5
LU	2012	-.3	-0.1	MA	2020	-.7	-0.2
12	0425	8.7	2.7	27	0403	8.1	2.8
	0916	6.6	2.0		0907	5.3	1.6
TU	1337	7.5	2.3	WE	1437	8.1	2.5
MA	2050	-.3	-0.1	ME	2106	-.3	-0.1
13	0447	8.7	2.7	28	0431	8.1	2.8
	0947	6.0	1.8		0946	4.2	1.3
WE	1431	7.4	2.3	TH	1540	8.0	2.4
ME	2122	-.3	-0.1	JE	2149	.4	.1
14	0505	8.7	2.7				
	1013	5.3	1.6				
TH	1522	7.4	2.3				
JE	2154	.0	.0				
15	0526	8.7	2.7				
	1045	4.5	1.4				
FR	1614	7.1	2.2				
VE	2227	.7	.2				

MARCH–MARS

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0459	8.0	2.7	16	0421	8.3	2.5
	1031	3.1	.9		1006	2.3	.7
FR	1640	7.9	2.4	SA	1633	7.3	2.2
VE	2227	1.4	.4	SA	2204	2.3	.7
2	0523	8.9	2.7	17	0443	8.4	2.6
	1110	2.1	.7		1038	1.3	.4
SA	1739	7.6	2.3	SU	1727	7.4	2.3
SA	2308	2.3	.7	DI	2239	3.3	1.0
3	0549	8.9	2.7	18	0506	8.5	2.6
	1149	1.7	.5		1116	.3	.1
SU	1837	7.2	2.2	MO	1826	7.4	2.3
DI	2347	3.4	1.0	LU	2315	4.1	1.2
4	0613	8.6	2.6	19	0530	8.8	2.6
	1231	1.0	.3		1158	-.4	-0.1
MO	1937	7.1	2.2	TU	1932	7.6	2.3
LU				MA	2357	5.2	1.6
5	0029	4.6	1.4	20	0559	8.6	2.6
	0636	8.3	2.5		1247	-.8	-0.2
TU	1316	.8	.2	WE	2041	7.6	2.3
MA	2049	7.0	2.1	ME			
6	0111	5.8	1.7	21	0042	6.1	1.9
	0700	8.1	2.5		0627	8.5	2.6
WE	1401	.7	.2	TH	1343	-.8	-0.3
ME	2219	7.0	2.1	JE	2203	7.7	2.3
7	0214	6.3	1.9	22	0145	6.8	2.1
	0726	7.8	2.4		0706	8.4	2.6
TH	1457	.8	.2	FR	1442	-.7	-0.2
JE				VE	2336	8.0	2.4
8	0009	7.0	2.2	23	0326	7.2	2.2
	0356	8.0	2.1		0758	8.0	2.4
FR	0800	7.1	2.3	SA	1553	-.4	-0.1
VE	1559	.9	.3	SA			
9	0125	7.7	2.3	24	0045	8.3	2.5
	0542	6.9	2.1		0519	7.0	2.1
SA	0843	7.3	2.2	SU	0917	7.6	2.3
SA	1703	.8	.3	DI	1704	-.2	-0.1
10	0210	7.9	2.4	25	0131	8.5	2.6
	0701	6.6	2.0		0639	8.3	1.9
SU	0951	6.9	2.1	MO	1100	7.2	2.2
DI	1805	.8	.2	LU	1810	.2	.1
11	0242	8.1	2.5	26	0208	8.6	2.6
	0746	6.2	1.9		0731	5.3	1.6
MO	1121	6.8	2.1	TU	1236	7.1	2.2
LU	1854	.7	.2	MA	1909	.8	.2
12	0307	8.1	2.5	27	0242	8.6	2.6
	0818	5.7	1.7		0813	4.2	1.3
TU	1236	6.8	2.1	WE	1357	7.3	2.2
MA	1939	.7	.2	ME	1958	1.1	.3
13	0325	8.1	2.5	28	0310	8.8	2.6
	0843	5.0	1.5		0850	3.0	.9
WE	1349	6.8	2.1	TH	1505	7.4	2.3
ME	2021	.8	.2	JE	2043	1.8	.5
14	0344	8.1	2.5	29	0336	8.5	2.6
	0909	4.4	1.3		0927	1.9	.6
TH	1445	7.0	2.1	FR	1603	7.5	2.3
JE	2053	1.1	.3	VE	2125	2.8	.8
15	0402	8.2	2.5	30	0401	8.4	2.6
	0934	3.3	1.0		1001	1.0	.3
FR	1539	7.1	2.2	SA	1658	7.7	2.3
VE	2129	1.7	.5	SA	2207	3.4	1.0
				31	0423	8.2	2.5
					1033	.2	.1
				SU	1751	7.8	2.4
				DI	2246	4.2	1.3

TABLE DES MARÉES

PORT TOWNSEND HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0443	8.0	2.4	16	0402	8.2	2.5
	1108	-0.3	-0.1		1046	-2.0	-0.6
MO	1843	8.0	2.4	TU	1838	8.5	2.6
LU	2328	5.0	1.5	MA	2303	5.9	1.8
2	0506	8.0	2.4	17	0434	8.6	2.6
	1145	-0.7	-0.2		1133	-2.3	-0.7
TU	1935	7.6	2.3	WE	1937	8.5	2.6
MA				ME	2355	6.2	1.9
3	0018	5.6	1.7	18	0506	8.2	2.5
	0528	7.6	2.3		1221	-2.3	-0.7
WE	1226	-0.3	-0.1	TH	2039	8.5	2.6
ME	2034	7.7	2.3	JE			
4	0111	6.3	1.9	19	0058	6.6	2.0
	0554	7.3	2.2		0551	8.0	2.4
TH	1309	-0.3	-0.1	FR	1317	-1.6	-0.5
JE	2140	7.6	2.3	VE	2148	8.6	2.6
5	0235	6.6	2.0	20	0229	6.9	2.1
	0625	7.6	2.1		0647	7.6	2.3
FR	1400	.3	.1	SA	1417	-1.1	-0.3
VE	2256	7.6	2.3	SA	2249	8.5	2.6
6	0421	6.6	2.0	21	0419	6.6	2.0
	0707	6.7	2.0		0803	6.9	2.1
SA	1459	.6	.2	SU	1526	-.3	-0.1
SA				DI	2343	6.6	2.6
7	0008	7.4	2.3	22	0545	6.4	1.7
	0550	6.3	1.9		0942	6.2	1.9
SU	0806	6.3	1.9	MO	1633	.9	.2
DI	1603	1.0	.3	LU			
8	0054	7.7	2.3	23	0032	8.6	2.6
	0645	5.6	1.7		0637	4.3	1.3
MO	0936	5.9	1.8	TU	1133	6.2	1.9
LU	1709	1.4	.4	MA	1739	1.4	.4
9	0122	7.7	2.3	24	0109	8.6	2.6
	0717	4.9	1.5		0719	3.3	1.0
TU	1115	5.9	1.8	WE	1312	6.2	1.9
MA	1806	1.6	.5	ME	1837	2.3	.7
10	0148	7.9	2.4	25	0141	8.4	2.6
	0743	4.3	1.3		0757	2.0	.6
WE	1245	5.9	1.8	TH	1427	6.7	2.0
ME	1855	1.6	.5	JE	1932	3.3	1.0
11	0209	7.9	2.4	26	0210	8.2	2.5
	0808	3.3	1.0		0829	1.0	.3
TH	1357	6.3	1.9	FR	1532	7.3	2.2
JE	1936	2.3	.7	VE	2018	4.3	1.2
12	0229	7.9	2.4	27	0233	8.4	2.5
	0828	2.3	.7		0901	.0	.0
FR	1500	6.6	2.0	SA	1625	7.6	2.3
VE	2018	3.0	.9	SA	2106	4.7	1.4
13	0250	7.9	2.4	28	0255	7.9	2.4
	0858	1.0	.3		0930	-.6	-0.2
SA	1557	7.3	2.2	SU	1717	7.9	2.4
SA	2057	3.7	1.1	DI	2150	5.3	1.6
14	0312	8.2	2.5	29	0314	7.7	2.3
	0930	-0.3	-0.1		1002	-1.3	-0.4
SU	1650	7.6	2.3	MO	1805	8.2	2.5
DI	2138	4.0	1.3	LU	2237	5.9	1.8
15	0335	8.2	2.5	30	0335	7.6	2.3
	1007	-1.3	-0.4		1034	-1.3	-0.4
MO	1742	8.2	2.5	TU	1848	8.2	2.5
LU	2217	4.9	1.5	MA	2323	6.3	1.9

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0357	7.3	2.2	16	0348	8.4	2.6
	1109	-1.6	-0.5		1113	-3.3	-1.0
WE	1930	8.2	2.5	TH	1933	9.1	2.8
ME				JE	2359	6.9	2.1
2	0017	8.2	1.9	17	0440	8.1	2.5
	0423	7.2	2.2		1204	-2.9	-0.9
TH	1147	-1.3	-0.4	FR	2023	9.1	2.8
JE	2019	8.2	2.5	VE			
3	0126	6.6	2.0	18	0118	8.2	2.0
	0455	6.9	2.1		0539	7.6	2.3
FR	1229	-1.0	-0.3	SA	1259	-2.1	-0.6
VE	2106	8.0	2.4	SA	2115	9.1	2.8
4	0256	6.3	1.9	19	0251	6.0	1.8
	0539	6.6	2.0		0652	6.9	2.1
SA	1316	-.3	-0.1	SU	1355	-1.0	-0.3
SA	2159	7.9	2.4	DI	2204	8.9	2.7
5	0436	5.9	1.8	20	0417	5.3	1.6
	0621	5.9	1.8		0818	5.9	1.8
SU	1407	.3	.1	MO	1454	.7	.1
DI	2242	7.9	2.4	LU	2247	8.9	2.7
6	0528	5.3	1.6	21	0519	3.9	1.2
	0744	5.6	1.7		1005	5.6	1.7
MO	1504	1.0	.3	TU	1556	1.6	.5
LU	2324	7.9	2.4	MA	2329	8.9	2.7
7	0609	4.6	1.4	22	0615	2.6	.8
	0920	4.9	1.5		1158	5.6	1.7
TU	1600	1.6	.5	WE	1659	2.9	.9
MA	2352	7.9	2.4	ME			
8	0638	3.9	1.2	23	0003	8.6	2.6
	1110	4.9	1.5		0657	1.4	.4
WE	1700	2.3	.7	TH	1336	5.9	1.8
ME				JE	1754	4.0	1.2
9	0021	7.9	2.4	24	0035	8.4	2.6
	0659	2.9	.9		0729	1.4	.1
TH	1253	5.3	1.6	FR	1454	6.2	2.0
JE	1754	3.1	.9	VE	1901	4.9	1.5
10	0044	7.9	2.4	25	0101	8.1	2.5
	0721	1.6	.5		0801	-1.4	-0.1
FR	1414	5.9	1.8	SA	1551	7.4	2.3
VE	1843	3.9	1.2	SA	1955	5.9	1.8
11	0107	8.2	2.4	26	0125	7.9	2.4
	0753	.7	.1		0833	-1.0	-0.3
SA	1517	6.2	2.0	SU	1640	7.9	2.4
SA	1935	4.3	1.4	DI	2051	6.3	1.9
12	0131	8.2	2.5	27	0145	7.3	2.3
	0822	-1.0	-0.3		0901	-1.6	-0.5
SU	1613	7.6	2.3	MO	1725	8.2	2.5
DI	2021	5.3	1.6	LU	2140	6.6	2.0
13	0157	8.2	2.5	28	0205	7.6	2.3
	0901	-2.0	-0.6		0933	-1.6	-0.5
MO	1701	8.2	2.5	TU	1804	8.2	2.6
LU	2111	5.9	1.8	MA	2231	6.6	2.0
14	0229	8.6	2.6	29	0229	7.4	2.3
	0940	-2.9	-0.9		1008	-1.9	-0.6
TU	1754	8.9	2.7	WE	1839	8.5	2.6
MA	2202	6.6	2.0	ME	2322	6.6	2.0
15	0306	8.6	2.6	30	0257	7.3	2.2
	1025	-3.3	-1.0		1043	-1.9	-0.6
WE	1842	8.9	2.7	TH	1918	8.6	2.6
ME	2257	6.9	2.1	JE			
				31	0015	6.6	2.0
					0336	6.9	2.1
				FR	1122	-1.7	-0.5
				VE	1952	8.6	2.6

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0118	6.3	1.9	16	0106	5.7	1.7
	0418	6.6	2.0		0548	7.3	2.2
SA	1202	-1.3	-0.4	SU	1238	-1.7	-0.5
SA	2025	8.2	2.5	DI	2034	9.2	2.8
2	0230	5.9	1.8	17	0228	4.9	1.5
	0514	6.1	1.9		0704	6.3	1.9
SU	1244	-.7	-0.2	MO	1329	-.3	-0.1
DI	2103	8.9	2.5	LU	2113	9.2	2.8
3	0343	5.6	1.6	18	0341	3.7	1.1
	0616	5.9	1.7		0833	5.6	1.7
MO	1326	.3	.0	TU	1421	1.3	.4
LU	2135	8.2	2.5	MA	2150	8.9	2.7
4	0431	4.6	1.4	19	0440	2.6	.8
	0735	5.0	1.5		1021	5.3	1.6
TU	1405	1.0	.3	WE	1517	3.0	.9
MA	2205	8.2	2.5	ME	2227	8.9	2.7
5	0507	3.7	1.1	20	0536	1.4	.4
	0913	4.6	1.4		1218	5.6	1.7
WE	1454	2.1	.6	TH	1619	4.3	1.3
ME	2232	8.2	2.5	JE	2300	8.6	2.6
6	0539	2.7	.8	21	0618	1.4	.1
	1109	4.6	1.4		1358	6.3	1.9
TH	1542	3.3	1.0	FR	1725	5.6	1.7
JE	2257	8.2	2.5	VE	2327	8.3	2.5
7	0607	1.6	.5	22	0658	-.3	-0.1
	1310	5.3	1.6		1507	7.3	2.2
FR	1645	4.6	1.4	SA	1838	6.3	1.9
VE	2324	8.2	2.5	SA	2356	8.1	2.5
8	0639	.3	.1	23	0733	-.6	-0.2
	1430	6.3	1.9		1602	7.9	2.4
SA	1747	5.6	1.7	SU	1947	6.9	2.1
SA	2350	8.4	2.6	DI			
9	0715	-1.0	-0.3	24	0021	7.9	2.4
	1532	7.2	2.2		0806	-1.3	-0.4
SU	1853	6.3	1.9	MO	1644	8.2	2.5
DI				LU	2047	6.9	2.1
10	0019	8.6	2.6	25	0046	7.6	2.3
	0757	-2.2	-0.7		0839	+1.6	-0.5
MO	1621	8.1	2.5	TU	1716	8.1	2.6
LU	1955	6.9	2.1	MA	2140	6.9	2.1
11	0056	8.9	2.7	26	0118	7.4	2.3
	0839	-3.1	-0.9		0914	+1.7	-0.5
TU	1703	8.7	2.7	WE	1748	8.5	2.6
MA	2051	7.1	2.2	ME	2226	6.9	2.1
12	0142	8.9	2.7	27	0203	7.6	2.2
	0924	-3.6	-1.1		0950	+1.6	-0.5
WE	1748	9.1	2.8	TH	1817	8.8	2.6
ME	2149	7.1	2.2	JE	2304	6.6	2.0
13	0230	8.7	2.7	28	0245	7.1	2.2
	1010	-3.9	-1.2		1026	+1.6	-0.5
TH	1830	8.5	2.6	FR	1844	8.4	2.6
JE	2251	6.9	2.1	VE	2347	6.9	1.9
14	0333	8.4	2.6	29	0334	6.9	2.1
	1059	-3.6	-1.1		1101	+1.6	-0.5
FR	1912	8.4	2.9	SA	1914	8.4	2.6
VE	2356	6.6	2.0	SA			
15	0439	7.6	2.4	30	0035	6.6	1.8
	1148	-2.9	-0.9		0428	6.6	2.0
SA	1951	9.2	2.8	SU	1137	-1.0	-0.3
SA				DI	1939	8.4	2.6

1991

JULY–JUILLET

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0124		1.6	16	0142		1.0
	0525		1.8		0715		1.9
MO	1212		-0.1	TU	1300		.3
LU	2008		2.6	MA	2017		2.7
2	0212		1.4	17	0245		.7
	0625		1.6		0840		1.7
TU	1248		.2	WE	1349		.8
MA	2033		2.6	ME	2049		2.7
3	0301		1.1	18	0344		.5
	0740		1.5		1027		1.7
WE	1322		.5	TH	1441		1.2
ME	2059		2.6	JE	2124		2.6
4	0351		.9	19	0441		.2
	0912		1.4		1230		1.8
TH	1357		.9	FR	1547		1.6
JE	2123		2.6	VE	2153		2.5
5	0433		.5	20	0531		.1
	1119		1.5		1403		2.1
FR	1439		1.3	SA	1706		1.9
VE	2148		2.6	SA	2225		2.4
6	0514		.2	21	0617		-0.1
	1336		1.7		1502		2.3
SA	1539		1.7	SU	1836		2.1
SA	2216		2.6	DI	2257		2.3
7	0557		-0.2	22	0702		-0.2
	1448		2.1		1544		2.4
SU	1704		2.0	MO	1948		2.1
DI	2246		2.7	LU	2339		2.3
8	0644		-0.5	23	0742		-0.2
	1536		2.3		1621		2.5
MO	1827		2.2	TU	2045		2.1
LU	2329		2.7	MA			
9	0731		-0.8	24	0027		2.2
	1615		2.6		0821		-0.3
TU	1936		2.3	WE	1651		2.5
MA				ME	2122		2.0
10	0024		2.7	25	0119		2.2
	0821		-0.9		0857		-0.4
WE	1651		2.7	TH	1716		2.5
ME	2039		2.2	JE	2157		1.9
11	0130		2.7	26	0215		2.2
	0910		-1.0		0933		-0.4
TH	1726		2.8	FR	1739		2.5
JE	2139		2.0	VE	2229		1.7
12	0235		2.6	27	0300		2.1
	0959		-1.0		1007		-0.4
FR	1801		2.8	SA	1802		2.5
VE	2239		1.8	SA	2304		1.6
13	0345		2.5	28	0353		2.0
	1045		-0.8		1042		-0.2
SA	1836		2.8	SU	1822		2.5
SA	2338		1.6	DI	2343		1.4
14	0451		2.3	29	0445		2.0
	1129		-0.5		1114		-0.1
SU	1911		2.8	MO	1844		2.5
DI				LU			
15	0040		1.3	30	0020		1.2
	0559		2.1		0537		1.8
MO	1218		-0.2	TU	1142		.2
LU	1945		2.8	MA	1906		2.5
				31	0100		.9
					0639		1.7
				WE	1218		.5
				ME	1932		2.5

AUGUST–AOUT

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0145		.7	16	0241		.2
	0751		1.6		1018		1.9
TH	1246		.9	FR	1423		1.6
JE	1955		2.5	VE	2018		2.4
2	0234		.5	17	0336		.2
	0923		1.6		1211		2.0
FR	1318		1.3	SA	1542		1.9
VE	2019		2.5	SA	2053		2.3
3	0327		.2	18	0435		.1
	1127		1.7		1334		2.2
SA	1400		1.7	SU	1724		2.0
SA	2048		2.6	DI	2129		2.2
4	0424		.0	19	0532		.1
	2120		2.6		1426		2.3
SU				MO	1848		2.0
DI				LU	2221		2.1
5	0524		-0.3	20	0624		.0
	1433		2.3		1508		2.4
MO	1700		2.2	TU	1949		1.9
LU	2207		2.6	MA	2333		2.1
6	0620		-0.5	21	0715		.0
	1513		2.4		1536		2.4
TU	1830		2.2	WE	2024		1.8
MA	2313		2.6	ME			
7	0715		-0.6	22	0035		2.1
	1546		2.6		0759		-0.1
WE	1939		2.1	TH	1602		2.4
ME				JE	2056		1.7
8	0032		2.6	23	0134		2.1
	0805		-0.7		0837		-0.1
TH	1617		2.6	FR	1623		2.4
JE	2036		1.9	VE	2127		1.5
9	0145		2.6	24	0230		2.1
	0856		-0.7		0909		-0.1
FR	1648		2.7	SA	1640		2.4
VE	2127		1.6	SA	2153		1.3
10	0258		2.5	25	0319		2.1
	0943		-0.5		0941		.0
SA	1717		2.7	SU	1700		2.4
SA	2217		1.3	DI	2224		1.1
11	0404		2.4	26	0411		2.0
	1029		-0.3		1017		.2
SU	1749		2.7	MO	1720		2.4
DI	2309		1.0	LU	2256		.8
12	0509		2.3	27	0502		2.0
	1111		.0		1045		.4
MO	1818		2.7	TU	1741		2.4
LU				MA	2328		.6
13	0001		.7	28	0554		2.0
	0613		2.1		1117		.7
TU	1153		.4	WE	1806		2.4
MA	1847		2.6	ME			
14	0053		.5	29	0007		.4
	0722		2.0		0656		2.0
WE	1236		.8	TH	1152		1.0
ME	1917		2.6	JE	1828		2.4
15	0146		.3	30	0053		.2
	0841		1.9		0806		2.0
TH	1322		1.2	FR	1227		1.4
JE	1949		2.5	VE	1849		2.4
				31	0142		.0
					0929		2.0
				SA	1306		1.7
				SA	1918		2.4

SEPTEMBER–SEPTEMBRE

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0237		-0.1	16	0333		.2
	1118		2.1		1240		2.3
SU	1405		2.0	MO	1746		1.9
DI	1954		2.4	LU	2039		2.0
2	0343		-0.2	17	0439		.2
	1255		2.2		1333		2.3
MO	1555		2.1	TU	1848		1.8
LU	2042		2.4	MA	2158		1.9
3	0452		-0.2	18	0542		.2
	1352		2.4		1409		2.3
TU	1739		2.1	WE	1930		1.6
MA	2158		2.4	ME	2324		1.9
4	0557		-0.3	19	0638		.2
	1427		2.5		1436		2.3
WE	1849		2.0	TH	2002		1.5
ME	2331		2.3	JE			
5	0655		-0.3	20	0045		1.9
	1500		2.5		0723		.3
TH	1942		1.7	FR	1458		2.3
JE				VE	2027		1.2
6	0101		2.3	21	0149		2.0
	0750		-0.2		0805		.3
FR	1528		2.6	SA	1516		2.3
VE	2029		1.4	SA	2052		1.0
7	0216		2.4	22	0243		2.0
	0839		-0.1		0841		.5
SA	1600		2.6	SU	1535		2.3
SA	2116		1.0	DI	2117		.7
8	0322		2.4	23	0335		2.1
	0924		.1		0913		.6
SU	1626		2.6	MO	1552		2.3
DI	2157		.7	LU	2145		.5
9	0423		2.3	24	0425		2.1
	1006		.4		0948		.8
MO	1653		2.5	TU	1613		2.4
LU	2240		.4	MA	2218		.2
10	0525		2.3	25	0517		2.2
	1048		.7		1023		1.0
TU	1721		2.5	WE	1635		2.4
MA	2322		.2	ME	2250		-0.1
11	0625		2.3	26	0613		2.3
	1130		1.0		1058		1.3
WE	1746		2.4	TH	1657		2.4
ME				JE	2328		-0.2
12	0004		.0	27	0712		2.3
	0727		2.2		1137		1.6
TH	1216		1.3	FR	1722		2.4
JE	1811		2.4	VE			
13	0049		.0	28	0014		-0.4
	0836		2.2		0816		2.3
FR	1311		1.6	SA	1222		1.8
VE	1837		2.3	SA	1751		2.4
14	0135		.0	29	0106		-0.4
	0956		2.2		0930		2.3
SA	1425		1.8	SU	1322		2.0
SA	1909		2.2	DI	1829		2.4
15	0230		.1	30	0204		-0.3
	1122		2.2		1046		2.4
SU	1609		1.9	MO	1505		2.1
DI	1945		2.1	LU	1915		2.3

PORT TOWNSEND HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0312	[illegible]	-0.2	16	0340	[illegible]	.3
	1202	[illegible]	2.5		1216	[illegible]	2.4
TU	1700	[illegible]	2.0	WE	1836	[illegible]	1.6
MA	2037	[illegible]	2.2	ME	2136	[illegible]	1.7
2	0422	[illegible]	-0.1	17	0443	[illegible]	.5
	1251	[illegible]	2.5		1248	[illegible]	2.4
WE	1812	[illegible]	1.8	TH	1908	[illegible]	1.3
ME	2224	[illegible]	2.1	JE	2323	[illegible]	1.6
3	0533	[illegible]	.1	18	0545	[illegible]	.6
	1332	[illegible]	2.6		1317	[illegible]	2.4
TH	1901	[illegible]	1.5	FR	1930	[illegible]	1.1
JE				VE			
4	0008	[illegible]	2.1	19	0053	[illegible]	1.7
	0633	[illegible]	.2		0635	[illegible]	.7
FR	1404	[illegible]	2.6	SA	1340	[illegible]	2.4
VE	1940	[illegible]	1.1	SA	1955	[illegible]	.8
5	0134	[illegible]	2.1	20	0200	[illegible]	1.9
	0726	[illegible]	.4		0719	[illegible]	.9
SA	1434	[illegible]	2.6	SU	1400	[illegible]	2.4
SA	2021	[illegible]	.7	DI	2016	[illegible]	.5
6	0246	[illegible]	2.2	21	0259	[illegible]	2.0
	0818	[illegible]	.6		0801	[illegible]	1.1
SU	1501	[illegible]	2.5	MO	1417	[illegible]	2.4
DI	2057	[illegible]	.4	LU	2042	[illegible]	.2
7	0346	[illegible]	2.3	22	0351	[illegible]	2.2
	0902	[illegible]	.9		0840	[illegible]	1.3
MO	1527	[illegible]	2.5	TU	1439	[illegible]	2.4
LU	2136	[illegible]	.1	MA	2110	[illegible]	-0.2
8	0445	[illegible]	2.4	23	0440	[illegible]	2.3
	0948	[illegible]	1.1		0919	[illegible]	1.5
TU	1551	[illegible]	2.5	WE	1501	[illegible]	2.5
MA	2211	[illegible]	-0.2	ME	2145	[illegible]	-0.4
9	0538	[illegible]	2.5	24	0532	[illegible]	2.5
	1033	[illegible]	1.4		1001	[illegible]	1.7
WE	1615	[illegible]	2.4	TH	1526	[illegible]	2.5
ME	2246	[illegible]	-0.3	JE	2221	[illegible]	-0.6
10	0630	[illegible]	2.5	25	0623	[illegible]	2.6
	1115	[illegible]	1.6		1043	[illegible]	1.9
TH	1637	[illegible]	2.3	FR	1554	[illegible]	2.5
JE	2322	[illegible]	-0.3	VE	2303	[illegible]	-0.7
11	0725	[illegible]	2.5	26	0713	[illegible]	2.7
	1209	[illegible]	1.8		1133	[illegible]	2.0
FR	1705	[illegible]	2.3	SA	1627	[illegible]	2.5
VE				SA	2349	[illegible]	-0.7
12	0003	[illegible]	-0.3	27	0812	[illegible]	2.7
	0821	[illegible]	2.4		1234	[illegible]	2.1
SA	1315	[illegible]	1.9	SU	1705	[illegible]	2.4
SA	1727	[illegible]	2.1	DI			
13	0046	[illegible]	-0.2	28	0041	[illegible]	-0.6
	0923	[illegible]	2.4		0915	[illegible]	2.7
SU	1448	[illegible]	1.9	MO	1359	[illegible]	2.1
DI	1759	[illegible]	2.0	LU	1757	[illegible]	2.3
14	0135	[illegible]	.0	29	0138	[illegible]	-0.4
	1031	[illegible]	2.4		1014	[illegible]	2.7
MO	1638	[illegible]	1.9	TU	1552	[illegible]	2.0
LU	1844	[illegible]	1.9	MA	1909	[illegible]	2.1
15	0235	[illegible]	.2	30	0241	[illegible]	-0.1
	1131	[illegible]	2.4		1105	[illegible]	2.7
TU	1754	[illegible]	1.7	WE	1715	[illegible]	1.7
MA	1957	[illegible]	1.8	ME	2102	[illegible]	1.9
				31	0348	[illegible]	.2
					1151	[illegible]	2.7
				TH	1807	[illegible]	1.3
				JE	2259	[illegible]	1.8

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0455	[illegible]	.5	16	0433	[illegible]	.9
	1230	[illegible]	2.7		1150	[illegible]	2.5
FR	1851	[illegible]	.9	SA	1849	[illegible]	.8
VE				SA			
2	0045	[illegible]	1.9	17	0059	[illegible]	1.6
	0603	[illegible]	.8		0531	[illegible]	1.2
SA	1304	[illegible]	2.7	SU	1216	[illegible]	2.5
SA	1930	[illegible]	.5	DI	1912	[illegible]	.5
3	0205	[illegible]	2.1	18	0218	[illegible]	1.9
	0659	[illegible]	1.1		0626	[illegible]	1.5
SU	1333	[illegible]	2.6	MO	1239	[illegible]	2.5
DI	2005	[illegible]	.2	LU	1939	[illegible]	.1
4	0315	[illegible]	2.3	19	0317	[illegible]	2.1
	0754	[illegible]	1.4		0715	[illegible]	1.7
MO	1400	[illegible]	2.6	TU	1301	[illegible]	2.6
LU	2037	[illegible]	-0.1	MA	2006	[illegible]	-0.2
5	0412	[illegible]	2.5	20	0406	[illegible]	2.4
	0844	[illegible]	1.6		0804	[illegible]	1.9
TU	1425	[illegible]	2.5	WE	1329	[illegible]	2.6
MA	2109	[illegible]	-0.3	ME	2041	[illegible]	-0.5
6	0503	[illegible]	2.6	21	0452	[illegible]	2.6
	0932	[illegible]	1.8		0853	[illegible]	2.1
WE	1445	[illegible]	2.5	TH	1355	[illegible]	2.7
ME	2141	[illegible]	-0.5	JE	2119	[illegible]	-0.8
7	0549	[illegible]	2.7	22	0537	[illegible]	2.8
	1021	[illegible]	2.0		0945	[illegible]	2.2
TH	1506	[illegible]	2.4	FR	1431	[illegible]	2.7
JE	2217	[illegible]	-0.5	VE	2201	[illegible]	-0.9
8	0635	[illegible]	2.7	23	0623	[illegible]	2.9
	1113	[illegible]	2.0		1034	[illegible]	2.2
FR	1530	[illegible]	2.3	SA	1511	[illegible]	2.7
VE	2250	[illegible]	-0.5	SA	2245	[illegible]	-0.9
9	0717	[illegible]	2.7	24	0705	[illegible]	2.9
	1213	[illegible]	2.0		1132	[illegible]	2.2
SA	1559	[illegible]	2.2	SU	1557	[illegible]	2.6
SA	2328	[illegible]	-0.4	DI	2333	[illegible]	-0.9
10	0806	[illegible]	2.7	25	0756	[illegible]	2.9
	1323	[illegible]	2.0		1241	[illegible]	2.2
SU	1627	[illegible]	2.1	MO	1652	[illegible]	2.4
DI				LU			
11	0010	[illegible]	-0.3	26	0024	[illegible]	-0.6
	0847	[illegible]	2.6		0841	[illegible]	2.9
MO	1500	[illegible]	2.0	TU	1406	[illegible]	2.0
LU	1706	[illegible]	2.0	MA	1809	[illegible]	2.2
12	0054	[illegible]	-0.1	27	0118	[illegible]	-0.3
	0931	[illegible]	2.6		0927	[illegible]	2.9
TU				WE	1537	[illegible]	1.7
MA				ME	1935	[illegible]	2.0
13	0145	[illegible]	.2	28	0214	[illegible]	.1
	1015	[illegible]	2.6		1010	[illegible]	2.9
WE	1721	[illegible]	1.6	TH	1649	[illegible]	1.3
ME	1924	[illegible]	1.6	JE	2124	[illegible]	1.8
14	0237	[illegible]	.4	29	0313	[illegible]	.6
	1053	[illegible]	2.5		1050	[illegible]	2.9
TH	1757	[illegible]	1.4	FR	1745	[illegible]	.9
JE	2114	[illegible]	1.5	VE	2324	[illegible]	1.7
15	0333	[illegible]	.7	30	0418	[illegible]	1.0
	1125	[illegible]	2.5		1129	[illegible]	2.8
FR	1824	[illegible]	1.1	SA	1830	[illegible]	.5
VE	2310	[illegible]	1.5	SA			

DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0113	[illegible]	1.9	16	0121	[illegible]	1.7
	0524	[illegible]	1.4		0404	[illegible]	1.6
SU	1201	[illegible]	2.8	MO	1055	[illegible]	2.7
DI	1909	[illegible]	.2	LU	1830	[illegible]	.2
2	0235	[illegible]	2.2	17	0244	[illegible]	2.0
	0630	[illegible]	1.8		0520	[illegible]	2.0
MO	1232	[illegible]	2.7	TU	1119	[illegible]	2.7
LU	1941	[illegible]	-0.1	MA	1902	[illegible]	-0.1
3	0338	[illegible]	2.5	18	0336	[illegible]	2.3
	0734	[illegible]	2.0		0630	[illegible]	2.2
TU	1257	[illegible]	2.6	WE	1148	[illegible]	2.7
MA	2013	[illegible]	-0.3	ME	1937	[illegible]	-0.4
4	0427	[illegible]	2.7	19	0415	[illegible]	2.6
	0838	[illegible]	2.2		0736	[illegible]	2.3
WE	1323	[illegible]	2.6	TH	1224	[illegible]	2.8
ME	2048	[illegible]	-0.4	JE	2018	[illegible]	-0.7
5	0512	[illegible]	2.8	20	0450	[illegible]	2.8
	0930	[illegible]	2.2		0834	[illegible]	2.4
TH	1344	[illegible]	2.5	FR	1309	[illegible]	2.8
JE	2120	[illegible]	-0.5	VE	2101	[illegible]	-0.9
6	0554	[illegible]	2.8	21	0528	[illegible]	2.9
	1024	[illegible]	2.2		0928	[illegible]	2.4
FR	1409	[illegible]	2.4	SA	1402	[illegible]	2.8
VE	2152	[illegible]	-0.5	SA	2146	[illegible]	-1.0
7	0626	[illegible]	2.8	22	0607	[illegible]	3.0
	1112	[illegible]	2.2		1024	[illegible]	2.3
SA	1441	[illegible]	2.3	SU	1503	[illegible]	2.7
SA	2228	[illegible]	-0.5	DI	2233	[illegible]	-0.9
8	0658	[illegible]	2.8	23	0645	[illegible]	3.0
	1206	[illegible]	2.1		1125	[illegible]	2.1
SU	1526	[illegible]	2.3	MO	1605	[illegible]	2.6
DI	2305	[illegible]	-0.4	LU	2319	[illegible]	-0.8
9	0732	[illegible]	2.8	24	0724	[illegible]	3.0
	1258	[illegible]	2.0		1228	[illegible]	1.9
MO	1612	[illegible]	2.1	TU	1715	[illegible]	2.4
LU	2344	[illegible]	-0.3	MA			
10	0804	[illegible]	2.7	25	0007	[illegible]	-0.4
	1404	[illegible]	1.9		0800	[illegible]	3.0
TU	1657	[illegible]	2.0	WE	1342	[illegible]	1.6
MA				ME	1830	[illegible]	2.2
11	0021	[illegible]	-0.1	26	0053	[illegible]	.0
	0836	[illegible]	2.7		0838	[illegible]	3.0
WE	1506	[illegible]	1.7	TH	1454	[illegible]	1.3
ME	1803	[illegible]	1.8	JE	1956	[illegible]	1.9
12	0059	[illegible]	.2	27	0145	[illegible]	.5
	0906	[illegible]	2.7		0914	[illegible]	3.0
TH	1611	[illegible]	1.5	FR	1603	[illegible]	.9
JE	1919	[illegible]	1.6	VE	2142	[illegible]	1.8
13	0141	[illegible]	.5	28	0235	[illegible]	1.0
	0937	[illegible]	2.7		0950	[illegible]	2.9
FR	1651	[illegible]	1.2	SA	1659	[illegible]	.6
VE	2056	[illegible]	1.5	SA	2345	[illegible]	1.8
14	0221	[illegible]	.9	29	0336	[illegible]	1.5
	1003	[illegible]	2.7		1025	[illegible]	2.9
SA	1722	[illegible]	.9	SU	1751	[illegible]	.3
SA	2304	[illegible]	1.5	DI			
15	0305	[illegible]	1.2	30	0138	[illegible]	2.1
	1029	[illegible]	2.7		0449	[illegible]	1.9
SU	1754	[illegible]	.6	MO	1057	[illegible]	2.8
DI				LU	1836	[illegible]	.0
				31	0254	[illegible]	2.4
					0614	[illegible]	2.2
				TU	1129	[illegible]	2.7
				MA	1917	[illegible]	-0.1

1991

JANUARY–JANVIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0603	13.3	4.1	16	0617	12.3	3.7
	1118	7.5	2.3		1136	7.1	2.2
TU	1557	11.5	3.5	WE	1611	10.2	3.1
MA	2316	-3.1	-0.9	ME	2318	-.3	-0.3
2	0645	13.4	4.1	17	0636	12.4	3.8
	1209	6.8	2.1		1211	6.5	2.0
WE	1659	11.0	3.4	TH	1653	10.0	3.0
ME				JE	2350	-.5	-0.2
3	0002	-2.3	-0.7	18	0657	12.6	3.8
	0721	13.4	4.1		1247	5.7	1.7
TH	1305	6.0	1.8	FR	1742	9.8	3.0
JE	1758	10.4	3.2	VE			
4	0045	-1.1	-0.3	19	0022	.3	.1
	0758	13.3	4.1		0720	12.5	3.8
FR	1357	5.1	1.6	SA	1325	4.9	1.5
VE	1903	9.6	2.9	SA	1835	9.4	2.9
5	0130	.5	.2	20	0058	1.3	.4
	0834	13.0	4.0		0747	12.5	3.8
SA	1453	4.2	1.3	SU	1408	4.0	1.2
SA	2016	8.8	2.7	DI	1933	9.1	2.8
6	0215	2.2	.7	21	0135	2.6	.8
	0912	12.6	3.8		0815	12.4	3.8
SU	1555	3.4	1.0	MO	1453	3.0	.9
DI	2141	8.2	2.5	LU	2041	8.7	2.7
7	0303	4.0	1.2	22	0217	3.9	1.2
	0949	12.1	3.7		0845	12.2	3.7
MO	1655	2.5	.8	TU	1544	2.0	.6
LU	2321	8.2	2.5	MA	2203	8.8	2.6
8	0359	5.6	1.7	23	0306	5.5	1.7
	1028	11.6	3.5		0919	12.0	3.7
TU	1753	1.8	.5	WE	1641	1.1	.3
MA				ME	2340	8.8	2.7
9	0103	8.7	2.7	24	0405	7.0	2.1
	0509	7.0	2.1		1002	11.7	3.6
WE	1108	11.1	3.4	TH	1740	.1	.0
ME	1847	1.1	.3	JE			
10	0230	9.6	2.9	25	0127	9.6	2.9
	0633	7.9	2.4		0528	8.1	2.5
TH	1149	10.7	3.3	FR	1051	11.5	3.5
JE	1937	.4	.1	VE	1845	-.8	-0.2
11	0325	10.4	3.2	26	0243	10.6	3.2
	0757	8.3	2.5		0657	8.6	2.6
FR	1234	10.4	3.2	SA	1148	11.4	3.5
VE	2019	-.1	.0	SA	1943	-1.6	-0.5
12	0411	11.1	3.4	27	0342	11.6	3.5
	0857	8.3	2.5		0818	8.5	2.6
SA	1316	10.2	3.1	SU	1255	11.3	3.4
SA	2100	-.5	-0.2	DI	2038	-2.2	-0.7
13	0449	11.6	3.5	28	0424	12.2	3.7
	0950	8.2	2.5		0923	8.0	2.4
SU	1405	10.2	3.1	MO	1401	11.2	3.4
DI	2136	-.5	-0.2	LU	2130	-2.6	-0.8
14	0525	11.9	3.6	29	0505	12.7	3.9
	1026	7.9	2.4		1017	7.7	2.2
MO	1447	10.2	3.1	TU	1506	11.2	3.4
LU	2211	-1.0	-0.3	MA	2216	-2.3	-0.7
15	0553	12.1	3.7	30	0537	13.0	4.0
	1101	7.6	2.3		1106	8.2	1.9
TU	1529	10.2	3.1	WE	1608	11.1	3.4
MA	2243	-1.1	-0.3	ME	2301	-1.8	-0.5
				31	0609	13.1	4.0
					1151	5.1	1.6
				TH	1707	10.8	3.3
				JE	2343	-.8	-0.2

FEBRUARY–FEVRIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0641	13.0	4.0	16	0606	12.1	3.7
	1237	4.2	1.3		1211	3.6	1.1
FR	1803	10.4	3.2	SA	1747	10.2	3.1
VE				SA	2359	1.8	.5
2	0025	.5	.2	17	0627	12.2	3.7
	0713	12.3	3.9		1248	2.8	.8
SA	1322	3.3	1.0	SU	1838	10.1	3.1
SA	1903	9.8	3.0	DI			
3	0107	1.8	.6	18	0038	2.8	.8
	0741	12.5	3.8		0653	12.1	3.7
SU	1410	2.8	.8	MO	1327	1.7	.5
DI	2008	9.3	2.8	LU	1934	9.9	3.0
4	0149	3.5	1.1	19	0117	3.8	1.2
	0813	12.0	3.7		0723	12.0	3.7
MO	1459	2.2	.7	TU	1413	1.0	.3
LU	2122	8.9	2.7	MA	2040	8.8	2.9
5	0231	5.0	1.5	20	0202	5.2	1.6
	0848	11.5	3.5		0755	11.8	3.6
TU	1552	1.8	.5	WE	1506	.4	.1
MA	2251	8.7	2.7	ME	2158	9.5	2.9
6	0324	6.4	2.0	21	0251	6.6	2.0
	0925	10.9	3.3		0834	11.5	3.5
WE	1651	1.8	.5	TH	1604	.0	.0
ME				JE	2332	9.6	2.9
7	0028	9.0	2.7	22	0400	7.6	2.3
	0432	7.5	2.3		0921	11.1	3.4
TH	1007	10.3	3.1	FR	1709	-.3	-0.1
JE	1754	1.3	.4	VE			
8	0157	9.6	2.9	23	0108	10.1	3.1
	0603	8.2	2.5		0529	8.3	2.5
FR	1056	9.8	3.0	SA	1027	10.7	3.3
VE	1851	.9	.3	SA	1618	-.6	-0.2
9	0259	10.3	3.1	24	0223	10.8	3.3
	0740	8.3	2.5		0708	8.3	2.5
SA	1149	9.7	3.0	SU	1143	10.4	3.2
SA	1945	.8	.2	DI	1924	-.3	-0.3
10	0342	10.8	3.3	25	0313	11.5	3.5
	0843	8.0	2.4		0823	7.4	2.3
SU	1255	9.6	2.9	MO	1302	10.3	3.1
DI	2031	.1	.0	LU	2022	-1.0	-0.3
11	0420	11.3	3.4	26	0351	12.0	3.7
	0928	7.8	2.3		0919	8.4	2.0
MO	1348	9.7	3.0	TU	1415	10.4	3.2
LU	2110	-.1	.0	MA	2115	-.8	-0.3
12	0449	11.5	3.5	27	0427	12.3	3.7
	1003	7.1	2.2		1005	5.3	1.6
TU	1442	9.8	3.0	WE	1521	10.6	3.2
MA	2148	-.2	-0.1	ME	2200	-.6	-0.2
13	0511	11.7	3.6	28	0456	12.4	3.8
	1035	6.4	2.0		1047	4.0	1.2
WE	1527	10.0	3.0	TH	1622	10.7	3.3
ME	2220	-.2	-0.1	JE	2245	.3	.1
14	0529	11.9	3.6				
	1104	5.6	1.7				
TH	1614	10.1	3.1				
JE	2252	.2	.1				
15	0547	12.0	3.7				
	1136	4.8	1.4				
FR	1658	10.2	3.1				
VE	2327	.7	.2				

MARCH–MARS

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0525	12.4	3.8	16	0445	11.4	3.5
	1128	2.9	.9		1059	2.1	.7
FR	1717	10.7	3.3	SA	1702	10.5	3.2
VE	2324	1.3	.4	SA	2305	2.7	.8
2	0552	12.2	3.7	17	0508	11.4	3.5
	1207	2.1	.6		1134	3.4	1.1
SA	1811	10.6	3.2	SU	1751	10.7	3.3
SA				DI	2341	5.4	1.6
3	0003	2.4	.7	18	0533	11.7	3.6
	0620	12.0	3.7		1213	3.4	1.0
SU	1245	1.4	.4	MO	1843	10.8	3.3
DI	1905	10.0	3.1	LU			
4	0042	3.9	1.1	19	0020	4.4	1.3
	0647	11.9	3.5		0603	11.7	3.6
MO	1325	1.1	.3	TU	1254	-.8	-0.2
LU	1958	10.0	3.0	MA	1939	10.8	3.3
5	0123	4.8	1.5	20	0105	5.4	1.6
	0717	11.1	3.4		0636	11.5	3.5
TU	1407	1.0	.3	WE	1342	-.9	-0.3
MA	2102	9.7	3.0	ME	2041	10.6	3.2
6	0209	5.9	1.8	21	0153	6.4	2.0
	0749	10.6	3.2		0713	11.2	3.4
WE	1456	1.1	.3	TH	1433	-1.8	-0.3
ME	2215	9.4	2.9	JE	2157	10.4	3.2
7	0301	6.8	2.1	22	0253	7.3	2.2
	0824	10.9	3.0		0800	10.7	3.3
TH	1551	1.2	.4	FR	1533	-.7	-0.2
JE	2342	9.4	2.9	VE	2319	10.5	3.2
8	0407	7.6	2.3	23	0410	7.7	2.3
	0908	9.5	2.9		0859	10.1	3.1
FR	1653	1.3	.4	SA	1641	-.4	-0.1
VE				SA			
9	0101	8.7	3.0	24	0039	10.7	3.3
	0541	7.8	2.4		0547	7.6	2.3
SA	1007	9.0	2.7	SU	1022	9.5	2.9
SA	1757	1.3	.4	DI	1752	.0	.0
10	0207	10.1	3.1	25	0138	11.1	3.4
	0720	7.7	2.3		0713	8.7	2.0
SU	1120	8.8	2.7	MO	1155	9.2	2.8
DI	1900	1.2	.4	LU	1901	.3	.1
11	0252	10.8	3.2	26	0225	11.4	3.5
	0821	7.1	2.2		0819	5.4	1.6
MO	1235	8.8	2.7	TU	1324	9.3	2.8
LU	1951	1.0	.3	MA	2003	.7	.2
12	0326	10.8	3.3	27	0303	11.7	3.6
	0859	5.3	2.0		0907	4.1	1.2
TU	1341	8.8	2.7	WE	1438	9.7	3.0
MA	2037	1.0	.3	ME	2056	1.2	.4
13	0350	11.0	3.4	28	0337	11.8	3.6
	0931	5.5	1.7		0946	2.7	.9
WE	1437	9.4	2.9	TH	1540	10.1	3.1
ME	2113	1.1	.3	JE	2142	1.9	.6
14	0408	11.2	3.4	29	0407	11.7	3.6
	1000	4.5	1.4		1025	1.7	.5
TH	1527	9.7	3.0	FR	1637	10.4	3.2
JE	2151	1.4	.4	VE	2224	2.7	.8
15	0427	11.3	3.4	30	0433	11.6	3.5
	1030	3.4	1.0		1100	.7	.2
FR	1614	10.1	3.1	SA	1728	10.7	3.3
VE	2226	1.9	.6	SA	2305	3.6	1.1
				31	0500	11.3	3.4
					1135	3	.1
				SU	1815	10.5	3.3
				DI	2344	4.1	1.3

SEATTLE HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0526	11.3	3.4	16	0443	11.5	3.5
	1207	-.2	-0.1		1144	-2.0	-0.6
MO	1900	10.8	3.3	TU	1848	11.4	3.5
LU				MA			
2	0026	6.1	1.6	17	0007	6.0	1.8
	0554	10.5	3.2		0518	11.3	3.4
TU	1246	-.3	-0.1	WE	1227	-2.4	-0.7
MA	1949	10.7	3.3	ME	1944	11.0	3.5
3	0108	5.9	1.8	18	0059	6.6	2.0
	0622	10.2	3.1		0557	11.1	3.4
WE	1325	.1	.0	TH	1316	-2.1	-0.7
ME	2044	10.4	3.2	JE	2043	11.3	3.5
4	0153	6.6	2.0	19	0155	7.1	2.2
	0655	9.8	3.0		0643	10.0	3.2
TH	1409	.3	.1	FR	1410	-1.8	-0.5
JE	2142	10.2	3.1	VE	2148	11.4	3.5
5	0248	7.1	2.2	20	0303	7.3	2.2
	0733	9.1	2.8		0742	9.8	3.0
FR	1500	.8	.2	SA	1508	-1.0	-0.3
VE	2251	10.1	3.1	SA	2254	11.4	3.5
6	0357	7.4	2.3	21	0429	6.8	2.1
	0822	8.7	2.7		0857	9.0	2.7
SA	1555	1.1	.3	SU	1614	-.1	.0
SA	2355	10.1	3.1	DI	2353	11.4	3.5
7	0527	7.3	2.2	22	0555	6.0	1.8
	0928	8.2	2.5		1034	8.4	2.6
SU	1658	1.5	.5	MO	1723	1.0	.3
DI				LU			
8	0054	10.3	3.1	23	0047	11.3	3.5
	0646	6.7	2.0		0708	4.7	1.4
MO	1054	7.9	2.4	TU	1217	8.3	2.5
LU	1800	1.5	.5	MA	1832	1.9	.6
9	0137	10.5	3.2	24	0132	11.5	3.5
	0738	5.9	1.8		0800	3.3	1.0
TU	1217	8.9	2.4	WE	1347	8.7	2.7
MA	1859	2.1	.6	ME	1935	2.9	.9
10	0209	10.8	3.2	25	0209	11.5	3.5
	0817	4.9	1.5		0845	1.3	.6
WE	1332	8.4	2.6	TH	1501	9.4	2.9
ME	1948	2.4	.7	JE	2030	3.8	1.1
11	0233	10.7	3.3	26	0241	11.3	3.4
	0849	3.7	1.1		0921	.7	.2
TH	1432	8.8	2.7	FR	1600	10.0	3.0
JE	2033	2.9	.9	VE	2121	4.3	1.3
12	0254	10.8	3.3	27	0311	11.1	3.4
	0921	2.4	.7		0958	-.1	.0
FR	1529	9.4	2.9	SA	1649	10.5	3.2
VE	2116	3.4	1.0	SA	2208	5.0	1.5
13	0318	11.0	3.4	28	0339	10.9	3.3
	0952	1.0	.3		1033	-.7	-0.2
SA	1618	10.3	3.1	SU	1737	10.9	3.3
SA	2159	3.9	1.2	DI	2250	5.3	1.7
14	0343	11.1	3.4	29	0404	10.6	3.2
	1027	-.3	-0.1		1105	-1.1	-0.3
SU	1707	10.9	3.3	MO	1820	11.2	3.4
DI	2241	4.6	1.4	LU	2332	6.1	1.9
15	0411	11.3	3.4	30	0433	10.3	3.1
	1103	-1.7	-0.4		1138	-1.7	-0.4
MO	1756	11.4	3.5	TU	1902	11.4	3.4
LU	2322	5.3	1.6	MA			

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0012	6.6	2.0	16	0001	7.1	2.2
	0505	10.2	3.0		0446	11.1	3.4
WE	1214	-1.3	-0.4	TH	1209	-3.1	-1.1
ME	1944	11.2	3.4	JE	1942	12.4	3.8
2	0054	6.8	2.1	17	0056	7.4	2.2
	0537	9.7	3.0		0535	10.7	3.3
TH	1252	-.9	-0.3	FR	1258	-3.0	-0.9
JE	2026	11.1	3.4	VE	2034	12.3	3.7
3	0142	7.0	2.1	18	0158	7.0	2.1
	0612	8.9	2.8		0630	10.0	3.0
FR	1333	-.6	-0.2	SA	1350	-2.1	-0.6
VE	2117	11.0	3.4	SA	2129	12.3	3.7
4	0239	7.1	2.2	19	0308	6.6	2.0
	0654	8.8	2.7		0743	9.1	2.8
SA	1418	.1	.0	SU	1445	-.8	-0.2
SA	2203	10.6	3.3	DI	2218	12.1	3.7
5	0342	7.0	2.1	20	0426	5.6	1.7
	0750	8.3	2.5		0909	8.2	2.5
SU	1506	.8	.2	MO	1545	.7	.2
DI	2252	10.8	3.3	LU	2308	12.0	3.7
6	0454	6.6	2.0	21	0539	4.3	1.3
	0902	7.7	2.3		1049	7.7	2.3
MO	1559	1.5	.5	TU	1647	2.3	.7
LU	2338	10.8	3.3	MA	2352	11.6	3.6
7	0557	5.6	1.7	22	0642	2.9	.9
	1028	7.3	2.2		1233	7.9	2.4
TU	1657	2.4	.7	WE	1754	3.6	1.1
MA				ME			
8	0011	10.8	3.3	23	0034	11.6	3.5
	0649	4.6	1.4		0734	1.6	.5
WE	1159	7.4	2.3	TH	1401	8.6	2.6
ME	1756	3.2	1.0	JE	1902	4.8	1.5
9	0043	10.8	3.3	24	0112	11.3	3.4
	0731	3.3	1.0		0818	.8	.1
TH	1318	8.0	2.4	FR	1512	9.4	2.9
JE	1855	4.0	1.2	VE	2004	5.7	1.7
10	0112	10.8	3.3	25	0146	11.0	3.4
	0806	1.8	.6		0857	-.8	-0.2
FR	1428	8.8	2.7	SA	1611	10.2	3.1
VE	1945	4.7	1.4	SA	2103	6.3	1.9
11	0142	10.8	3.3	26	0218	10.7	3.3
	0841	.4	.1		0933	-1.1	-0.3
SA	1527	9.8	3.0	SU	1657	10.8	3.3
SA	2041	5.4	1.6	DI	2152	6.7	2.0
12	0211	11.0	3.4	27	0250	10.4	3.2
	0917	-.9	-0.3		1008	-1.4	-0.4
SU	1620	10.7	3.3	MO	1739	11.3	3.4
DI	2132	6.0	1.8	LU	2236	7.0	2.1
13	0243	11.2	3.4	28	0319	10.2	3.1
	0957	-2.1	-0.6		1041	-1.8	-0.5
MO	1712	11.4	3.5	TU	1818	11.4	3.5
LU	2221	8.3	2.0	MA	2319	7.2	2.2
14	0319	11.2	3.4	29	0352	10.8	3.0
	1037	-3.0	-0.9		1113	-1.7	-0.5
TU	1801	11.8	3.6	WE	1856	11.6	3.5
MA	2309	6.8	2.1	ME			
15	0401	11.3	3.4	30	0001	7.2	2.2
	1122	-3.6	-1.1		0427	9.8	3.0
WE	1851	12.3	3.7	TH	1150	-1.9	-0.5
ME				JE	1931	11.9	3.5
				31	0043	7.2	2.2
					0505	9.5	2.9
				FR	1225	-1.3	-0.4
				VE	2007	11.6	3.5

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0128	7.1	2.2	16	0150	6.1	1.9
	0546	9.1	2.8		0635	9.4	2.9
SA	1304	-.9	-0.3	SU	1332	-1.8	-0.5
SA	2042	11.4	3.5	DI	2053	12.7	3.9
2	0221	6.7	2.0	17	0252	5.1	1.6
	0635	8.8	2.6		0750	8.8	2.7
SU	1343	-.2	-0.1	MO	1421	.1	.0
DI	2117	11.6	3.5	LU	2135	12.6	3.8
3	0313	6.2	1.9	18	0358	4.0	1.2
	0731	8.0	2.4		0917	8.0	2.4
MO	1427	.7	.2	TU	1513	1.8	.5
LU	2153	11.6	3.5	MA	2216	12.2	3.7
4	0411	5.6	1.7	19	0504	2.8	.9
	0843	7.6	2.3		1052	7.7	2.3
TU	1509	1.8	.5	WE	1609	3.6	1.1
MA	2225	11.4	3.5	ME	2258	11.6	3.6
5	0504	4.6	1.4	20	0605	1.8	.5
	1006	7.2	2.2		1235	8.0	2.4
WE	1601	3.0	.9	TH	1717	5.1	1.6
ME	2257	11.3	3.4	JE	2338	11.4	3.5
6	0553	3.3	1.0	21	0658	.8	.2
	1134	7.3	2.2		1405	8.8	2.7
TH	1657	4.2	1.3	FR	1830	9.3	1.9
JE	2329	11.2	3.4	VE			
7	0642	1.8	.6	22	0018	11.0	3.4
	1304	8.0	2.4		0747	-.3	-0.1
FR	1759	5.4	1.6	SA	1514	9.8	2.9
VE				SA	1940	7.1	2.2
8	0003	11.1	3.4	23	0055	10.9	3.2
	0724	.6	.2		0830	-.8	-0.2
SA	1426	8.9	2.7	SU	1610	10.4	3.2
SA	1905	6.4	2.0	DI	2049	7.5	2.3
9	0039	11.2	3.4	24	0136	10.2	3.1
	0806	-.8	-0.3		0909	-1.2	-0.4
SU	1526	10.0	3.0	MO	1655	10.8	3.3
DI	2007	7.1	2.2	LU	2143	7.8	2.3
10	0119	11.3	3.4	25	0214	10.0	3.0
	0850	-2.2	-0.7		0945	-1.6	-0.5
MO	1623	11.0	3.4	TU	1732	11.3	3.4
LU	2107	7.6	2.3	MA	2229	7.8	2.3
11	0201	11.4	3.5	26	0250	9.8	3.0
	0933	-3.3	-1.0		1020	-1.8	-0.5
TU	1710	11.7	3.6	WE	1806	11.5	3.5
MA	2203	7.7	2.3	ME	2307	7.5	2.3
12	0246	11.4	3.5	27	0328	9.8	3.0
	1019	-3.8	-1.2		1053	-1.7	-0.5
WE	1755	12.3	3.7	TH	1836	11.7	3.6
ME	2258	7.6	2.3	JE	2345	7.3	2.2
13	0338	11.3	3.4	28	0407	9.7	3.0
	1106	-4.0	-1.2		1127	-1.6	-0.5
TH	1844	12.6	3.8	FR	1904	11.8	3.6
JE	2352	7.3	2.2	VE			
14	0431	11.0	3.4	29	0024	8.9	2.1
	1154	-3.8	-1.1		0449	9.5	2.9
FR	1927	12.6	3.9	SA	1202	-1.3	-0.4
VE				SA	1931	11.0	3.6
15	0048	6.8	2.1	30	0103	8.4	2.0
	0530	10.6	3.2		0535	9.1	2.8
SA	1243	-2.8	-0.9	SU	1237	-.7	-0.2
SA	2012	12.6	3.9	DI	1958	11.0	3.6

1991

JULY–JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0147	5.8	1.8	16	0223	8.2	1.0
	0627	8.7	2.7		0751	8.8	2.7
MO	1313	.1	.0	TU	1355	1.4	.4
LU	2024	11.8	3.6	MA	2045	12.2	3.7
2	0230	6.1	1.6	17	0319	2.6	.8
	0722	8.2	2.5		0914	8.2	2.5
TU	1351	1.1	.3	WE	1445	3.2	1.0
MA	2051	11.7	3.6	ME	2123	11.3	3.6
3	0319	4.3	1.3	18	0418	1.7	.5
	0831	7.8	2.4		1044	8.1	2.5
WE	1431	2.4	.7	TH	1539	4.8	1.5
ME	2122	11.0	3.5	JE	2202	11.3	3.4
4	0408	3.2	1.0	19	0517	1.1	.3
	0946	7.6	2.3		1223	8.4	2.6
TH	1519	3.9	1.2	FR	1642	6.2	1.9
JE	2151	11.6	3.5	VE	2244	10.8	3.3
5	0457	2.0	.6	20	0619	.8	.2
	1116	7.7	2.3		1349	9.0	2.7
FR	1612	5.2	1.6	SA	1804	7.2	2.2
VE	2228	11.3	3.4	SA	2330	10.3	3.1
6	0551	.8	.2	21	0712	.0	.0
	1248	8.3	2.5		1459	9.8	3.0
SA	1717	6.6	2.0	SU	1930	7.7	2.3
SA	2305	11.2	3.4	DI			
7	0644	-.4	-0.1	22	0018	9.8	3.0
	1415	9.3	2.8		0801	-.4	-0.1
SU	1829	7.6	2.3	MO	1551	10.4	3.2
DI	2351	11.2	3.4	LU	2041	7.7	2.3
8	0737	-1.9	-0.5	23	0103	9.7	3.0
	1524	10.2	3.1		0845	-.8	-0.2
MO	1943	8.0	2.4	TU	1633	10.9	3.3
LU				MA	2131	7.6	2.3
9	0040	11.2	3.4	24	0153	9.8	2.9
	0826	-2.6	-0.8		0924	-1.0	-0.3
TU	1615	11.2	3.4	WE	1708	11.2	3.4
MA	2052	8.0	2.4	ME	2213	7.3	2.2
10	0135	11.3	3.4	25	0238	9.6	2.9
	0915	-3.3	-1.0		1001	-1.1	-0.3
WE	1658	11.9	3.6	TH	1737	11.4	3.5
ME	2152	7.8	2.4	JE	2248	6.9	2.1
11	0231	11.3	3.4	26	0321	9.7	3.0
	1005	-3.6	-1.1		1033	-1.1	-0.3
TH	1740	12.3	3.7	FR	1801	11.6	3.5
JE	2248	7.3	2.2	VE	2320	6.6	2.0
12	0333	11.3	3.4	27	0403	9.6	2.9
	1053	-3.6	-1.1		1105	-.8	-0.3
FR	1820	12.6	3.8	SA	1822	11.6	3.5
VE	2340	6.4	2.0	SA	2354	5.9	1.8
13	0433	10.8	3.3	28	0447	9.0	2.9
	1138	-2.9	-0.9		1137	-.5	-0.2
SA	1857	12.7	3.9	SU	1842	11.3	3.5
SA				DI			
14	0035	5.4	1.6	29	0030	5.0	1.5
	0536	10.3	3.1		0533	9.4	2.9
SU	1224	-1.7	-0.5	MO	1212	.1	.0
DI	1931	12.7	3.9	LU	1905	11.7	3.6
15	0127	4.6	1.3	30	0106	4.2	1.3
	0640	9.8	2.9		0625	9.1	2.8
MO	1309	-.9	-0.1	TU	1245	1.0	.3
LU	2008	12.3	3.8	MA	1928	11.7	3.6
				31	0148	3.4	1.0
					0720	8.8	2.7
				WE	1323	2.2	.7
				ME	1954	11.3	3.5

AUGUST–AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0230	2.6	.8	16	0325	1.0	.3
	0822	8.5	2.6		1022	8.8	2.7
TH	1402	3.4	1.1	FR	1514	5.9	1.8
JE	2023	11.4	3.5	VE	2105	10.6	3.2
2	0317	1.7	.5	17	0425	1.0	.3
	0934	8.3	2.5		1157	8.9	2.7
FR	1448	4.9	1.5	SA	1621	6.9	2.1
VE	2055	11.2	3.4	SA	2151	9.8	3.0
3	0411	1.0	.3	18	0528	.8	.2
	1100	8.4	2.6		1324	9.2	2.8
SA	1545	6.4	1.9	SU	1752	7.6	2.3
SA	2134	11.1	3.4	DI	2243	9.4	2.9
4	0509	.1	.0	19	0631	.8	.2
	1236	8.8	2.7		1428	9.8	3.0
SU	1653	7.3	2.2	MO	1924	7.6	2.3
DI	2221	10.8	3.3	LU	2345	9.1	2.8
5	0609	-.7	-0.2	20	0729	.3	.1
	1406	9.7	3.0		1518	10.3	3.1
MO	1817	7.9	2.4	TU	2030	7.2	2.2
LU	2319	10.8	3.3	MA			
6	0712	-1.8	-0.5	21	0048	9.1	2.8
	1505	10.6	3.2		0818	.1	.0
TU	1941	7.8	2.4	WE	1554	10.7	3.3
MA				ME	2112	8.8	2.1
7	0024	10.7	3.3	22	0145	9.2	2.8
	0809	-2.1	-0.6		0857	-.1	.0
WE	1552	11.3	3.4	TH	1627	10.9	3.3
ME	2047	7.5	2.3	JE	2147	6.2	1.9
8	0133	10.8	3.3	23	0236	9.4	2.9
	0900	-2.5	-0.8		0935	-.1	.0
TH	1632	11.3	3.6	FR	1652	11.0	3.4
JE	2144	6.6	2.0	VE	2216	5.6	1.7
9	0239	10.6	3.3	24	0321	9.5	2.9
	0949	-2.6	-0.8		1008	.0	.0
FR	1706	12.1	3.7	SA	1709	11.1	3.4
VE	2235	5.6	1.7	SA	2247	4.8	1.5
10	0341	10.8	3.3	25	0404	9.7	3.0
	1038	-2.8	-0.6		1039	.4	.1
SA	1739	12.3	3.7	SU	1727	11.2	3.4
SA	2321	4.6	1.4	DI	2319	3.9	1.2
11	0444	10.7	3.3	26	0450	9.8	3.0
	1121	-1.1	-0.3		1114	.9	.3
SU	1811	12.8	3.7	MO	1745	11.3	3.4
DI				LU	2351	3.0	.9
12	0007	3.4	1.0	27	0534	9.8	3.0
	0544	10.4	3.2		1146	1.2	.5
MO	1205	.1	.0	TU	1805	11.3	3.4
LU	1843	12.2	3.7	MA			
13	0056	2.6	.7	28	0027	2.1	.6
	0647	9.8	3.0		0624	9.8	3.0
TU	1247	1.3	.5	WE	1220	2.8	.8
MA	1916	11.9	3.6	ME	1830	11.0	3.4
14	0141	1.7	.5	29	0102	1.3	.4
	0750	9.5	2.9		0716	9.7	3.0
WE	1329	2.7	.9	TH	1300	3.7	1.1
ME	1948	11.5	3.5	JE	1856	11.2	3.4
15	0232	1.4	.4	30	0144	.7	.2
	0903	9.0	2.7		0816	9.5	2.9
TH	1418	4.6	1.4	FR	1342	4.3	1.5
JE	2027	11.3	3.4	VE	1928	11.0	3.4
				31	0233	.3	.1
					0926	9.4	2.9
				SA	1432	5.9	1.8
				SA	2006	10.8	3.3

SEPTEMBER–SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0328	-.1	.0	16	0432	1.0	.3
	1048	9.5	2.9		1234	9.8	3.0
SU	1533	7.0	2.1	MO	1742	7.3	2.2
DI	2053	10.6	3.2	LU	2201	8.5	2.6
2	0431	-.4	-0.1	17	0538	1.2	.4
	1221	9.7	3.0		1337	10.1	3.1
MO	1654	7.6	2.3	TU	1912	7.0	2.1
LU	2154	10.1	3.1	MA	2320	8.3	2.5
3	0541	-.8	-0.2	18	0643	1.3	.4
	1337	10.3	3.1		1422	10.4	3.2
TU	1826	7.4	2.3	WE	2004	6.6	2.0
MA	2307	9.8	3.0	ME			
4	0647	-.8	-0.2	19	0036	8.4	2.6
	1431	10.9	3.3		0735	1.3	.4
WE	1946	6.9	2.1	TH	1458	10.5	3.2
ME				JE	2043	5.6	1.7
5	0032	9.8	3.0	20	0139	8.7	2.7
	0749	-1.0	-0.3		0821	1.3	.4
TH	1514	11.3	3.4	FR	1526	10.7	3.3
JE	2043	5.9	1.8	VE	2115	4.5	1.5
6	0148	10.1	3.1	21	0234	9.1	2.8
	0844	-.8	-0.2		0859	1.8	.5
FR	1550	11.4	3.5	SA	1545	10.8	3.3
VE	2132	4.6	1.4	SA	2143	3.8	1.2
7	0254	10.3	3.1	22	0323	9.4	2.9
	0933	-.4	-0.1		0938	1.8	.6
SA	1623	11.8	3.6	SU	1603	10.8	3.3
SA	2217	3.3	1.0	DI	2212	2.8	.9
8	0358	10.8	3.2	23	0407	9.8	3.0
	1019	.3	.1		1013	2.4	.7
SU	1651	11.9	3.6	MO	1622	10.9	3.3
DI	2259	2.1	.6	LU	2240	1.7	.5
9	0456	10.7	3.3	24	0452	10.3	3.1
	1101	1.3	.4		1045	3.0	.9
MO	1721	11.8	3.6	TU	1641	11.2	3.4
LU	2338	1.2	.4	MA	2312	.7	.2
10	0553	10.7	3.3	25	0537	10.6	3.2
	1143	2.4	.7		1124	2.7	1.1
TU	1750	11.5	3.5	WE	1707	11.1	3.4
MA				ME	2350	-.1	.0
11	0019	.6	.2	26	0626	10.8	3.3
	0646	10.5	3.2		1203	4.8	1.4
WE	1228	3.4	1.1	TH	1734	11.1	3.4
ME	1822	11.2	3.4	JE			
12	0101	.3	.1	27	0029	-.7	-0.2
	0745	10.2	3.1		0716	10.3	3.3
TH	1310	4.7	1.4	FR	1245	6.4	1.6
JE	1854	10.7	3.3	VE	1806	11.0	3.4
13	0144	.3	.1	28	0112	-1.1	-0.3
	0847	9.9	3.0		0816	10.7	3.3
FR	1359	6.7	1.7	SA	1330	6.3	1.9
VE	1927	10.1	3.1	SA	1843	10.7	3.3
14	0233	.4	.1	29	0200	-1.1	-0.3
	0956	9.7	3.0		0924	10.3	3.2
SA	1455	8.8	2.0	SU	1429	7.9	2.1
SA	2009	9.0	2.9	DI	1928	10.3	3.1
15	0328	.8	.2	30	0258	-.8	-0.2
	1119	9.6	2.9		1036	10.3	3.2
SU	1607	7.3	2.2	MO	1541	7.6	2.3
DI	2058	9.0	2.7	LU	2026	9.7	3.0

SEATTLE HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0402		-0.1	16	0438		.5
	1152		3.3		1231		3.2
TU	1713		2.2	WE	1840		1.9
MA	2145		2.8	ME	2251		2.3
2	0512		.0	17	0540		.7
	1253		3.4		1313		3.2
WE	1839		2.0	TH	1932		1.6
ME	2321		2.7	JE			
3	0624		.1	18	0019		2.4
	1346		3.4		0639		.8
TH	1942		1.6	FR	1345		3.3
JE				VE	2004		1.3
4	0052		2.8	19	0133		2.5
	0727		.3		0732		.9
FR	1425		3.5	SA	1410		3.3
VE	2031		1.1	SA	2036		1.0
5	0212		2.9	20	0231		2.7
	0822		.5		0820		1.1
SA	1459		3.5	SU	1433		3.3
SA	2115		.7	DI	2107		.6
6	0318		3.1	21	0325		3.0
	0915		.7		0859		1.2
SU	1531		3.5	MO	1454		3.3
DI	2155		.3	LU	2135		.2
7	0416		3.3	22	0411		3.2
	1000		.9		0942		1.4
MO	1600		3.5	TU	1518		3.4
LU	2233		.0	MA	2207		-0.1
8	0509		3.4	23	0454		3.4
	1045		1.2		1024		1.6
TU	1630		3.4	WE	1545		3.4
MA	2309		-0.2	ME	2240		-0.4
9	0558		3.4	24	0539		3.5
	1127		1.4		1105		1.8
WE	1658		3.4	TH	1614		3.4
ME	2347		-0.3	JE	2319		-0.6
10	0647		3.4	25	0628		3.6
	1209		1.7		1147		2.0
TH	1728		3.2	FR	1648		3.4
JE				VE			
11	0026		-0.2	26	0001		-0.7
	0736		3.4		0720		3.6
FR	1255		1.9	SA	1236		2.1
VE	1759		3.1	SA	1727		3.4
12	0105		-0.2	27	0046		-0.7
	0831		3.3		0813		3.6
SA	1344		2.0	SU	1328		2.2
SA	1838		2.9	DI	1809		3.2
13	0149		.0	28	0136		-0.6
	0927		3.2		0912		3.6
SU	1443		2.2	MO	1435		2.2
DI	1917		2.7	LU	1908		3.0
14	0239		.2	29	0232		-0.3
	1033		3.2		1014		3.6
MO	1554		2.2	TU	1554		2.1
LU	2006		2.6	MA	2021		2.8
15	0336		.3	30	0334		.0
	1135		3.2		1113		3.6
TU	1727		2.1	WE	1718		1.9
MA	2120		2.4	ME	2157		2.6
				31	0441		.3
					1205		3.6
				TH	1831		1.5
				JE	2341		2.5

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0552		.7	16	0533		1.2
	1251		3.6		1222		3.4
FR	1929		1.0	SA	1918		1.0
VE				SA			
2	0116		2.7	17	0119		2.5
	0658		1.0		0635		1.5
SA	1332		3.6	SU	1251		3.4
SA	2015		.5	DI	1953		.6
3	0234		2.9	18	0228		2.7
	0801		1.2		0732		1.7
SU	1407		3.5	MO	1320		3.4
DI	2054		.1	LU	2025		.2
4	0337		3.1	19	0324		3.0
	0857		1.5		0823		1.9
MO	1441		3.5	TU	1349		3.4
LU	2133		-0.2	MA	2100		-0.2
5	0434		3.4	20	0413		3.3
	0948		1.7		0912		2.1
TU	1509		3.4	WE	1420		3.4
MA	2211		-0.4	ME	2136		-0.5
6	0521		3.5	21	0459		3.5
	1033		1.9		1001		2.2
WE	1541		3.3	TH	1455		3.5
ME	2243		-0.5	JE	2218		-0.8
7	0606		3.6	22	0541		3.7
	1115		2.0		1050		2.3
TH	1613		3.2	FR	1534		3.5
JE	2320		-0.5	VE	2259		-0.9
8	0649		3.6	23	0630		3.8
	1157		2.1		1137		2.3
FR	1642		3.1	SA	1619		3.5
VE	2356		-0.4	SA	2342		-1.0
9	0731		3.6	24	0715		3.9
	1242		2.2		1228		2.3
SA	1717		3.0	SU	1705		3.4
SA				DI			
10	0033		-0.3	25	0028		-0.9
	0813		3.6		0804		3.9
SU	1331		2.2	MO	1327		2.2
DI	1752		2.9	LU	1801		3.2
11	0115		-0.2	26	0120		-0.6
	0858		3.5		0851		3.9
MO	1429		2.2	TU	1431		2.1
LU	1838		2.7	MA	1906		2.9
12	0158		.1	27	0210		-0.2
	0943		3.5		0941		3.8
TU	1532		2.2	WE	1544		1.8
MA	1933		2.5	ME	2029		2.7
13	0247		.3	28	0306		.2
	1029		3.4		1027		3.8
WE	1645		2.0	TH	1700		1.4
ME	2049		2.3	JE	2207		2.5
14	0336		.6	29	0407		.8
	1111		3.4		1113		3.7
TH	1747		1.7	FR	1805		1.0
JE	2220		2.2	VE	2356		2.5
15	0434		.9	30	0516		1.2
	1150		3.4		1157		3.7
FR	1839		1.4	SA	1901		.5
VE	2355		2.3	SA			

DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0137		2.7	16	0058		2.5
	0627		1.6		0533		1.9
SU	1238		3.6	MO	1138		3.5
DI	1950		.2	LU	1904		.3
2	0253		3.0	17	0217		2.8
	0738		2.0		0642		2.2
MO	1316		3.5	TU	1214		3.4
LU	2034		-0.2	MA	1946		-0.1
3	0352		3.3	18	0319		3.1
	0840		2.1		0748		2.4
TU	1352		3.4	WE	1252		3.5
MA	2113		-0.3	ME	2030		-0.4
4	0444		3.5	19	0411		3.4
	0937		2.3		0850		2.5
WE	1430		3.3	TH	1334		3.5
ME	2148		-0.5	JE	2115		-0.7
5	0526		3.6	20	0454		3.7
	1026		2.3		0944		2.5
TH	1503		3.3	FR	1423		3.6
JE	2224		-0.5	VE	2158		-0.9
6	0605		3.7	21	0539		3.9
	1109		2.3		1037		2.5
FR	1537		3.2	SA	1513		3.6
VE	2259		-0.5	SA	2243		-1.0
7	0640		3.7	22	0618		4.0
	1150		2.3		1129		2.4
SA	1614		3.1	SU	1607		3.5
SA	2334		-0.5	DI	2328		-1.0
8	0715		3.7	23	0659		4.1
	1230		2.3		1221		2.2
SU	1651		3.0	MO	1706		3.4
DI				LU			
9	0011		-0.3	24	0014		-0.8
	0750		3.7		0738		4.1
MO	1315		2.2	TU	1317		2.0
LU	1733		2.9	MA	1806		3.2
10	0047		-0.2	25	0102		-0.4
	0819		3.7		0817		4.1
TU	1400		2.1	WE	1414		1.6
MA	1822		2.7	ME	1918		2.9
11	0126		.1	26	0150		.1
	0854		3.7		0858		4.0
WE	1453		2.0	TH	1517		1.3
ME	1918		2.6	JE	2037		2.7
12	0205		.4	27	0239		.6
	0928		3.7		0936		3.9
TH	1548		1.7	FR	1624		.9
JE	2027		2.4	VE	2213		2.5
13	0249		.7	28	0335		1.2
	0959		3.6		1018		3.8
FR	1641		1.5	SA	1730		.6
VE	2149		2.3	SA	2359		2.6
14	0335		1.1	29	0441		1.7
	1033		3.5		1103		3.7
SA	1733		1.1	SU	1829		.3
SA	2321		2.3	DI			
15	0430		1.5	30	0141		2.8
	1105		3.5		0557		2.1
SU	1821		.7	MO	1145		3.5
DI				LU	1924		.0
				31	0254		3.1
					0723		2.4
				TU	1230		3.4
				MA	2010		-0.2

1991

JANUARY–JANVIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0655	11.2	3.6	16	0705	11.1	3.4
	1125	10.1	3.1		1215	9.1	2.8
TU	1510	11.0	3.4	WE	1525	9.7	3.0
MA	2305	.1	.0	ME	2315	1.9	.6
2	0730	11.5	3.6	17	0720	11.1	3.4
	1225	9.5	2.9		1245	8.7	2.7
WE	1610	10.5	3.2	TH	1615	9.4	2.9
ME	2350	.9	.3	JE	2345	2.3	.7
3	0800	11.7	3.6	18	0740	11.1	3.4
	1325	8.7	2.7		1320	8.1	2.5
TH	1720	9.8	3.0	FR	1710	9.1	2.8
JE				VE			
4	0035	2.9	.6	19	0015	2.9	.9
	0830	11.7	3.6		0800	11.3	3.4
FR	1425	7.8	2.4	SA	1400	7.4	2.3
VE	1840	9.0	2.7	SA	1815	8.7	2.7
5	0120	3.4	1.0	20	0050	3.7	1.1
	0855	11.7	3.6		0820	11.3	3.4
SA	1525	6.8	2.1	SU	1440	6.7	2.0
SA	2010	8.4	2.6	DI	1930	8.3	2.5
6	0200	4.8	1.5	21	0120	4.8	1.5
	0925	11.0	3.5		0840	11.3	3.4
SU	1630	6.0	1.8	MO	1520	5.8	1.8
DI	2155	8.0	2.4	LU	2055	8.1	2.5
7	0240	6.3	1.9	22	0155	6.0	1.8
	0950	11.6	3.5		0905	11.3	3.4
MO	1725	5.1	1.6	TU	1610	4.8	1.5
LU				MA	2240	8.2	2.5
8	0005	8.2	2.5	23	0230	7.3	2.2
	0320	7.7	2.3		0925	11.3	3.4
TU	1015	11.2	3.4	WE	1700	3.7	1.1
MA	1815	4.3	1.3	ME			
9	0235	8.9	2.7	24	0050	8.7	2.7
	0420	9.0	2.7		0300	8.8	2.6
WE	1040	11.0	3.4	TH	0945	11.3	3.4
ME	1900	3.6	1.1	JE	1755	2.7	.8
10	0400	10.0	3.0	25	1015	11.3	3.4
	0625	9.8	3.0		1850	1.7	.5
TH	1100	10.7	3.3	FR			
JE	1940	3.1	.9	VE			
11	0445	10.7	3.3	26	0425	10.6	3.2
	0820	10.2	3.1		0635	10.4	3.2
FR	1125	10.5	3.2	SA	1100	11.3	3.4
VE	2020	2.6	.8	SA	1940	1.0	.3
12	0520	11.1	3.4	27	0455	11.1	3.4
	0950	10.2	3.1		0815	10.6	3.2
SA	1200	10.3	3.1	SU	1155	11.3	3.4
SA	2055	2.3	.7	DI	2035	.8	.2
13	0550	11.3	3.4	28	0525	11.3	3.4
	1045	10.1	3.1		0925	10.6	3.1
SU	1250	10.2	3.1	MO	1305	11.3	3.4
DI	2130	1.9	.6	LU	2120	.4	.1
14	0620	11.3	3.4	29	0550	11.4	3.5
	1115	9.8	3.0		1020	9.7	3.0
MO	1345	10.1	3.1	TU	1415	10.7	3.3
LU	2205	1.7	.5	MA	2210	.7	.2
15	0640	11.2	3.4	30	0615	11.3	3.4
	1145	9.5	2.9		1110	9.1	2.7
TU	1435	9.9	3.0	WE	1525	10.4	3.2
MA	2240	1.7	.5	ME	2250	1.3	.4
				31	0640	11.3	3.4
					1200	8.1	2.5
				TH	1635	9.9	3.0
				JE	2335	2.0	.7

FEBRUARY–FEVRIER

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0705	11.2	3.4	16	0635	10.6	3.2
	1250	7.3	2.2		1220	8.4	2.0
FR	1750	9.3	2.9	SA	1745	9.1	2.8
VE				SA	2355	4.1	1.2
2	0015	3.6	1.1	17	0655	10.7	3.3
	0730	11.3	3.4		1300	5.5	1.7
SA	1340	6.2	1.9	SU	1850	8.8	2.7
SA	1905	8.9	2.7	DI			
3	0055	1.8	1.5	18	0025	5.1	1.6
	0755	11.3	3.4		0715	10.8	3.3
SU	1430	5.6	1.7	MO	1340	4.8	1.5
DI	2020	8.7	2.7	LU	2000	8.8	2.7
4	0135	6.1	1.9	19	0105	6.2	1.9
	0820	11.2	3.4		0735	10.8	3.3
MO	1520	4.9	1.5	TU	1425	4.0	1.2
LU	2150	8.6	2.6	MA	2115	8.8	2.7
5	0215	7.4	2.3	20	0140	7.3	2.2
	0840	11.0	3.4		0755	10.9	3.3
TU	1615	4.4	1.3	WE	1520	3.3	1.0
MA	2355	8.9	2.7	ME	2255	9.0	2.7
6	0300	8.4	2.6	21	0220	8.4	2.6
	0905	10.7	3.3		0820	10.9	3.3
WE	1710	4.0	1.2	TH	1615	2.6	.8
ME				JE			
7	0210	9.6	2.9	22	0110	9.6	2.9
	0415	9.4	2.9		0320	9.4	2.9
TH	0925	10.4	3.2	FR	0850	10.9	3.3
JE	1805	3.6	1.1	VE	1720	2.1	.6
8	0330	10.2	3.1	23	0250	10.1	3.1
	0635	9.9	3.0		0515	10.0	3.0
FR	0945	10.2	3.1	SA	0930	10.7	3.3
VE	1855	3.3	1.0	SA	1820	1.9	.5
9	0410	10.6	3.2	24	0335	10.6	3.2
	0855	9.9	3.0		0725	10.0	3.0
SA	1015	9.9	3.0	SU	1035	10.4	3.2
SA	1945	2.9	.9	DI	1920	1.6	.5
10	0445	10.6	3.3	25	0405	10.6	3.3
	0950	9.7	3.0		0845	9.6	2.9
SU	1135	9.8	3.0	MO	1200	10.1	3.1
DI	2030	2.5	.8	LU	2015	1.6	.5
11	0510	10.6	3.3	26	0435	10.6	3.3
	1015	9.4	2.9		0935	8.8	2.7
MO	1250	9.6	2.9	TU	1330	9.8	3.0
LU	2110	2.3	.7	MA	2105	1.8	.5
12	0530	10.7	3.3	27	0500	10.8	3.3
	1035	9.0	2.7		1015	8.0	2.4
TU	1355	9.5	2.9	WE	1455	9.7	3.0
MA	2145	2.3	.7	ME	2150	2.4	.7
13	0550	10.6	3.2	28	0520	10.8	3.3
	1055	8.6	2.6		1050	7.0	2.1
WE	1450	9.4	2.9	TH	1610	9.6	2.9
ME	2215	3.4	.7	JE	2235	3.3	1.0
14	0605	10.6	3.2				
	1120	7.9	2.4				
TH	1550	9.4	2.9				
JE	2250	2.7	.8				
15	0620	10.6	3.2				
	1150	7.2	2.2				
FR	1650	9.1	2.8				
VE	2320	3.3	1.0				

MARCH–MARS

Day	Time	Ht. /ft.	Ht. /m	Jour	Heure	H. /pi	H. /m
1	0540	10.7	3.3	16	0505	10.0	3.0
	1130	6.1	1.9		1100	8.2	2.5
FR	1715	9.6	2.9	SA	1715	9.1	2.8
VE	2315	4.3	1.3	SA	2255	4.9	1.5
2	0600	10.7	3.3	17	0520	10.1	3.1
	1210	5.2	1.6		1135	8.0	2.4
SA	1820	9.4	2.9	SU	1815	9.2	2.9
SA	2355	5.5	1.6	DI	2335	5.9	1.8
3	0625	10.6	3.2	18	0540	10.1	3.1
	1250	4.6	1.4		1210	8.2	2.5
SU	1920	9.4	2.9	MO	1915	9.3	2.9
DI				LU			
4	0035	6.8	1.9	19	0015	6.9	2.1
	0645	10.8	3.2		0605	10.4	3.2
MO	1330	4.8	1.2	TU	1255	7.2	.8
LU	2030	9.3	2.8	MA	2020	9.6	2.9
5	0120	7.3	2.2	20	0100	7.7	2.3
	0705	10.4	3.2		0625	10.6	3.2
TU	1415	3.7	1.1	WE	1345	7.8	.6
MA	2150	9.4	2.9	ME	2135	9.7	3.0
6	0215	8.2	2.5	21	0150	8.6	2.6
	0730	10.3	3.1		0650	10.8	3.2
WE	1505	3.6	1.1	TH	1440	7.8	.5
ME	2330	9.5	2.9	JE	2305	9.9	3.0
7	0320	8.9	2.7	22	0255	9.2	2.8
	0745	9.8	3.0		0720	10.1	3.1
TH	1600	3.5	1.1	FR	1540	7.9	.5
JE				VE			
8	0110	9.8	3.0	23	0030	10.2	3.1
	0455	9.4	2.9		0435	9.8	2.9
FR	0800	9.6	2.9	SA	0800	10.0	3.0
VE	1700	3.6	1.1	SA	1645	7.9	.6
9	0220	10.1	3.1	24	0135	10.6	3.2
	1800	3.6	1.1		0640	9.3	2.8
SA				SU	0900	9.4	2.9
SA				DI	1750	7.9	.7
10	0305	10.3	3.1	25	0225	10.6	3.2
	1900	3.3	1.0		0800	8.9	2.6
SU				MO	1055	9.0	2.7
DI				LU	1855	7.7	.8
11	0340	10.3	3.1	26	0300	10.6	3.2
	0920	8.7	2.7		0850	7.7	2.3
MO	1130	8.9	2.7	TU	1255	8.6	2.6
LU	1950	3.2	1.0	MA	1955	8.3	1.0
12	0400	10.3	3.1	27	0325	10.1	3.2
	0930	8.3	2.5		0925	8.7	2.0
TU	1300	8.8	2.7	WE	1430	8.7	2.7
MA	2035	3.1	.9	ME	2045	3.8	1.2
13	0420	10.1	3.1	28	0350	10.4	3.2
	0950	7.9	2.3		0955	7.7	1.7
WE	1415	8.6	2.7	TH	1545	8.9	2.7
ME	2110	3.3	1.0	JE	2130	4.6	1.4
14	0435	10.6	3.0	29	0410	10.2	3.1
	1010	6.8	2.1		1025	7.7	1.4
TH	1520	8.6	2.7	FR	1645	8.3	2.8
JE	2145	3.8	1.1	VE	2215	5.3	1.6
15	0450	10.0	3.0	30	0430	10.2	3.1
	1030	6.3	1.8		1100	7.8	1.2
FR	1620	8.1	2.8	SA	1745	8.1	2.9
VE	2220	4.3	1.3	SA	2255	6.1	1.9
				31	0450	10.1	3.1
					1130	7.7	1.0
				SU	1835	8.4	3.0
				DI	2340	7.1	2.2

TABLE DES MARÉES

FULFORD HARBOUR HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0510	[illegible]	3.0	16	0430	[illegible]	3.1
	1205	[illegible]	.9		1140	[illegible]	.3
MO	1935	[illegible]	3.0	TU	1930	[illegible]	3.2
LU				MA			
2	0030	[illegible]	2.4	17	0010	[illegible]	2.6
	0530	[illegible]	3.0		0455	[illegible]	3.1
TU	1240	[illegible]	.8	WE	1225	[illegible]	.2
MA	2035	[illegible]	3.1	ME	2035	[illegible]	3.2
3	0130	[illegible]	2.5	18	0110	[illegible]	2.7
	0555	[illegible]	3.0		0525	[illegible]	3.1
WE	1320	[illegible]	.8	TH	1315	[illegible]	.2
ME	2140	[illegible]	3.1	JE	2140	[illegible]	3.2
4	0235	[illegible]	2.7	19	0220	[illegible]	2.8
	0615	[illegible]	2.9		0605	[illegible]	3.0
TH	1405	[illegible]	.8	FR	1405	[illegible]	.3
JE	2250	[illegible]	3.1	VE	2245	[illegible]	3.3
5	0355	[illegible]	2.7	20	0345	[illegible]	2.8
	0630	[illegible]	2.8		0645	[illegible]	2.9
FR	1455	[illegible]	.9	SA	1505	[illegible]	.5
VE				SA	2340	[illegible]	3.3
6	0000	[illegible]	3.1	21	0530	[illegible]	2.7
	1550	[illegible]	1.0		0740	[illegible]	2.7
SA				SU	1605	[illegible]	.8
SA				DI			
7	0055	[illegible]	3.1	22	0030	[illegible]	3.3
	1650	[illegible]	1.1		0700	[illegible]	2.4
SU				MO	0940	[illegible]	2.4
DI				LU	1710	[illegible]	1.0
8	0140	[illegible]	3.1	23	0110	[illegible]	3.3
	1750	[illegible]	1.2		0750	[illegible]	2.0
MO				TU	1205	[illegible]	2.3
LU				MA	1820	[illegible]	1.3
9	0210	[illegible]	3.0	24	0145	[illegible]	3.2
	0835	[illegible]	2.3		0830	[illegible]	1.7
TU	1140	[illegible]	2.4	WE	1400	[illegible]	2.4
MA	1850	[illegible]	1.2	ME	1920	[illegible]	1.6
10	0230	[illegible]	3.0	25	0215	[illegible]	3.2
	0845	[illegible]	2.0		0900	[illegible]	1.4
WE	1320	[illegible]	2.4	TH	1520	[illegible]	2.6
ME	1940	[illegible]	1.3	JE	2020	[illegible]	1.9
11	0250	[illegible]	3.0	26	0240	[illegible]	3.1
	0900	[illegible]	1.8		0930	[illegible]	1.1
TH	1435	[illegible]	2.5	FR	1625	[illegible]	2.8
JE	2025	[illegible]	1.5	VE	2110	[illegible]	2.1
12	0305	[illegible]	3.0	27	0300	[illegible]	3.1
	0925	[illegible]	1.5		1000	[illegible]	.9
FR	1540	[illegible]	2.7	SA	1720	[illegible]	3.0
VE	2110	[illegible]	1.6	SA	2200	[illegible]	2.3
13	0325	[illegible]	3.0	28	0315	[illegible]	3.0
	0950	[illegible]	1.1		1025	[illegible]	.7
SA	1640	[illegible]	2.8	SU	1810	[illegible]	3.1
SA	2150	[illegible]	1.9	DI	2250	[illegible]	2.5
14	0345	[illegible]	3.0	29	0335	[illegible]	3.0
	1020	[illegible]	.8		1055	[illegible]	.5
SU	1735	[illegible]	3.0	MO	1855	[illegible]	3.2
DI	2235	[illegible]	2.1	LU	2345	[illegible]	2.6
15	0405	[illegible]	3.0	30	0400	[illegible]	3.0
	1055	[illegible]	.5		1125	[illegible]	.5
MO	1830	[illegible]	3.1	TU	1945	[illegible]	3.2
LU	2320	[illegible]	2.3	MA			

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0045	[illegible]	2.7	16	0015	[illegible]	2.9
	0420	[illegible]	2.9		0405	[illegible]	3.1
WE	1200	[illegible]	.5	TH	1200	[illegible]	-0.2
ME	2035	[illegible]	3.3	JE	2035	[illegible]	3.4
2	0150	[illegible]	2.7	17	0125	[illegible]	2.8
	0445	[illegible]	2.8		0450	[illegible]	3.1
TH	1240	[illegible]	.5	FR	1250	[illegible]	.0
JE	2125	[illegible]	3.3	VE	2120	[illegible]	3.4
3	0255	[illegible]	2.7	18	0240	[illegible]	2.7
	0510	[illegible]	2.7		0540	[illegible]	2.9
FR	1320	[illegible]	.6	SA	1340	[illegible]	.3
VE	2210	[illegible]	3.2	SA	2205	[illegible]	3.4
4	0415	[illegible]	2.6	19	0400	[illegible]	2.6
	0530	[illegible]	2.6		0640	[illegible]	2.7
SA	1405	[illegible]	.8	SU	1435	[illegible]	.6
SA	2255	[illegible]	3.2	DI	2250	[illegible]	3.4
5	1450	[illegible]	.9	20	0520	[illegible]	2.3
	2335	[illegible]	3.2		0820	[illegible]	2.4
SU				MO	1525	[illegible]	1.0
DI				LU	2325	[illegible]	3.4
6	1540	[illegible]	1.1	21	0630	[illegible]	1.9
					1045	[illegible]	2.2
MO				TU	1625	[illegible]	1.5
LU				MA			
7	0005	[illegible]	3.1	22	0000	[illegible]	3.3
	0725	[illegible]	2.2		0720	[illegible]	1.6
TU	0930	[illegible]	2.2	WE	1300	[illegible]	2.3
MA	1635	[illegible]	1.3	ME	1730	[illegible]	1.9
8	0030	[illegible]	3.1	23	0035	[illegible]	3.3
	0735	[illegible]	1.9		0755	[illegible]	1.2
WE	1150	[illegible]	2.2	TH	1445	[illegible]	2.5
ME	1735	[illegible]	1.6	JE	1845	[illegible]	2.2
9	0055	[illegible]	3.1	24	0100	[illegible]	3.2
	0750	[illegible]	1.6		0830	[illegible]	.9
TH	1335	[illegible]	2.3	FR	1600	[illegible]	2.7
JE	1840	[illegible]	1.8	VE	1955	[illegible]	2.4
10	0120	[illegible]	3.0	25	0125	[illegible]	3.1
	0815	[illegible]	1.3		0900	[illegible]	.7
FR	1455	[illegible]	2.5	SA	1655	[illegible]	3.0
VE	1940	[illegible]	2.0	SA	2100	[illegible]	2.6
11	0140	[illegible]	3.0	26	0145	[illegible]	3.1
	0840	[illegible]	.9		0930	[illegible]	.5
SA	1600	[illegible]	2.8	SU	1745	[illegible]	3.2
SA	2035	[illegible]	2.2	DI	2205	[illegible]	2.7
12	0205	[illegible]	3.0	27	0205	[illegible]	3.0
	0915	[illegible]	.5		1000	[illegible]	.4
SU	1700	[illegible]	3.0	MO	1825	[illegible]	3.3
DI	2125	[illegible]	2.5	LU	2305	[illegible]	2.8
13	0225	[illegible]	3.1	28	0230	[illegible]	3.0
	0950	[illegible]	.2		1030	[illegible]	.3
MO	1755	[illegible]	3.2	TU	1905	[illegible]	3.3
LU	2220	[illegible]	2.7	MA			
14	0255	[illegible]	3.1	29	0005	[illegible]	2.8
	1030	[illegible]	-0.1		0255	[illegible]	2.9
TU	1845	[illegible]	3.3	WE	1100	[illegible]	.3
MA	2315	[illegible]	2.8	ME	1945	[illegible]	3.4
15	0330	[illegible]	3.2	30	0100	[illegible]	2.8
	1115	[illegible]	-0.2		0330	[illegible]	2.9
WE	1940	[illegible]	3.4	TH	1135	[illegible]	.4
ME				JE	2020	[illegible]	3.4
				31	0155	[illegible]	2.7
					0405	[illegible]	2.8
				FR	1215	[illegible]	.5
				VE	2055	[illegible]	3.3

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0245	[illegible]	2.6	16	0220	[illegible]	2.5
	0445	[illegible]	2.7		0550	[illegible]	2.8
SA	1250	[illegible]	.6	SU	1320	[illegible]	.5
SA	2125	[illegible]	3.3	DI	2120	[illegible]	3.4
2	0340	[illegible]	2.5	17	0330	[illegible]	2.3
	0520	[illegible]	2.5		0715	[illegible]	2.5
SU	1330	[illegible]	.8	MO	1405	[illegible]	.9
DI	2155	[illegible]	3.3	LU	2155	[illegible]	3.4
3	0435	[illegible]	2.4	18	0440	[illegible]	1.9
	0610	[illegible]	2.4		0910	[illegible]	2.3
MO	1405	[illegible]	1.0	TU	1450	[illegible]	1.4
LU	2220	[illegible]	3.3	MA	2225	[illegible]	3.4
4	0520	[illegible]	2.2	19	0540	[illegible]	1.6
	0740	[illegible]	2.2		1115	[illegible]	2.2
TU	1445	[illegible]	1.2	WE	1535	[illegible]	1.9
MA	2250	[illegible]	3.3	ME	2255	[illegible]	3.4
5	0555	[illegible]	2.0	20	0635	[illegible]	1.3
	0945	[illegible]	2.1		1330	[illegible]	2.4
WE	1530	[illegible]	1.5	TH	1635	[illegible]	2.3
ME	2310	[illegible]	3.2	JE	2325	[illegible]	3.3
6	0625	[illegible]	1.6	21	0720	[illegible]	1.0
	1155	[illegible]	2.1		1525	[illegible]	2.7
TH	1620	[illegible]	1.8	FR	1810	[illegible]	2.6
JE	2335	[illegible]	3.2	VE	2350	[illegible]	3.2
7	0655	[illegible]	1.3	22	0755	[illegible]	.8
	1350	[illegible]	2.3		1630	[illegible]	3.0
FR	1725	[illegible]	2.2	SA	1945	[illegible]	2.8
VE				SA			
8	0000	[illegible]	3.2	23	0015	[illegible]	3.1
	0730	[illegible]	.9		0830	[illegible]	.6
SA	1520	[illegible]	2.7	SU	1715	[illegible]	3.2
SA	1845	[illegible]	2.5	DI	2105	[illegible]	2.9
9	0020	[illegible]	3.2	24	0035	[illegible]	3.1
	0805	[illegible]	.5		0905	[illegible]	.5
SU	1625	[illegible]	2.9	MO	1750	[illegible]	3.3
DI	2000	[illegible]	2.7	LU	2220	[illegible]	2.9
10	0050	[illegible]	3.2	25	0105	[illegible]	3.0
	0845	[illegible]	.2		0940	[illegible]	.4
MO	1720	[illegible]	3.2	TU	1825	[illegible]	3.4
LU	2105	[illegible]	2.9	MA	2315	[illegible]	2.9
11	0125	[illegible]	3.2	26	0145	[illegible]	3.0
	0925	[illegible]	-0.1		1010	[illegible]	.3
TU	1805	[illegible]	3.3	WE	1855	[illegible]	3.4
MA	2205	[illegible]	3.0	ME			
12	0205	[illegible]	3.3	27	0000	[illegible]	2.8
	1010	[illegible]	-0.3		0230	[illegible]	2.9
WE	1850	[illegible]	3.4	TH	1045	[illegible]	.3
ME	2305	[illegible]	3.0	JE	1925	[illegible]	3.3
13	0255	[illegible]	3.3	28	0040	[illegible]	2.7
	1100	[illegible]	-0.3		0315	[illegible]	2.9
TH	1930	[illegible]	3.4	FR	1120	[illegible]	.4
JE				VE	1950	[illegible]	3.3
14	0010	[illegible]	2.9	29	0115	[illegible]	2.7
	0345	[illegible]	3.2		0400	[illegible]	2.8
FR	1145	[illegible]	-0.2	SA	1155	[illegible]	.5
VE	2010	[illegible]	3.5	SA	2015	[illegible]	3.3
15	0115	[illegible]	2.7	30	0155	[illegible]	2.5
	0445	[illegible]	3.0		0450	[illegible]	2.7
SA	1230	[illegible]	.1	SU	1225	[illegible]	.6
SA	2045	[illegible]	3.5	DI	2035	[illegible]	3.3

1991

JULY–JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0235	7.8	2.4	16	0245	6.1	1.9
	0540	8.3	2.5		0750	8.2	2.5
MO	1300	2.8	.9	TU	1340	4.3	1.3
LU	2055	10.8	3.3	MA	2055	11.3	3.4
2	0315	7.2	2.2	17	0345	5.1	1.6
	0645	7.8	2.4		0925	7.5	2.4
TU	1330	3.6	1.1	WE	1420	5.9	1.8
MA	2120	10.8	3.3	ME	2120	11.2	3.4
3	0400	6.4	2.0	18	0445	4.4	1.3
	0815	7.4	2.3		1120	7.9	2.4
WE	1405	4.6	1.4	TH	1500	7.2	2.2
ME	2140	10.9	3.3	JE	2150	10.9	3.3
4	0440	5.6	1.7	19	0540	3.7	1.1
	0955	7.2	2.2		1345	8.6	2.6
TH	1440	5.4	1.6	FR	1555	8.4	2.6
JE	2200	10.7	3.3	VE	2215	10.7	3.3
5	0520	4.8	1.4	20	0635	3.1	.9
	1155	7.6	2.3		1530	9.5	2.9
FR	1515	7.0	2.1	SA	1750	9.4	2.9
VE	2225	10.7	3.3	SA	2240	10.3	3.1
6	0605	3.3	1.0	21	0720	2.7	.8
	1420	8.3	2.5		1620	10.2	3.1
SA	1610	8.2	2.5	SU	1955	9.7	3.0
SA	2245	10.7	3.3	DI	2310	10.1	3.1
7	0650	2.1	.6	22	0805	2.3	.7
	1605	9.3	2.8		1700	10.6	3.2
SU	1755	9.2	2.8	MO	2125	9.7	3.0
DI	2315	10.7	3.3	LU	2350	9.9	3.0
8	0735	1.0	.3	23	0845	1.9	.6
	1645	10.2	3.1		1730	10.9	3.3
MO	1935	9.9	3.0	TU	2225	9.6	2.9
LU	2355	10.9	3.3	MA			
9	0825	.1	.0	24	0045	9.7	3.0
	1725	10.7	3.3		0920	1.7	.5
TU	2050	10.1	3.1	WE	1800	10.9	3.3
MA				ME	2255	9.2	2.8
10	0045	10.9	3.3	25	0140	8.6	2.9
	0910	-0.6	-0.2		0955	1.6	.5
WE	1800	11.0	3.4	TH	1825	10.7	3.3
ME	2155	8.9	3.0	JE	2325	8.9	2.7
11	0145	10.8	3.3	26	0235	8.4	2.9
	1000	-0.7	-0.2		1030	1.8	.5
TH	1830	11.2	3.4	FR	1845	10.5	3.2
JE	2255	8.5	2.9	VE	2355	8.4	2.6
12	0250	10.5	3.2	27	0330	8.2	2.8
	1045	-0.3	-0.1		1100	1.8	.6
FR	1900	11.2	3.4	SA	1900	10.5	3.2
VE	2350	8.0	2.7	SA			
13	0355	10.2	3.1	28	0025	7.8	2.4
	1130	.4	.1		0420	8.0	2.7
SA	1930	11.2	3.4	SU	1135	2.3	.7
SA				DI	1915	10.5	3.2
14	0045	8.8	2.4	29	0055	7.4	2.3
	0505	9.3	2.9		0515	8.6	2.6
SU	1215	1.3	.4	MO	1205	2.9	.9
DI	1955	11.2	3.4	LU	1935	10.5	3.2
15	0145	7.1	2.2	30	0130	5.7	2.0
	0625	8.8	2.7		0615	8.2	2.5
MO	1255	3.0	.9	TU	1235	3.7	1.1
LU	2025	11.3	3.4	MA	1955	10.6	3.2
				31	0210	5.9	1.8
					0720	8.1	2.5
				WE	1305	4.3	1.4
				ME	2015	10.5	3.2

AUGUST–AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0250	5.2	1.6	16	0340	3.9	1.2
	0835	7.9	2.4		1115	8.8	2.7
TH	1335	5.7	1.7	FR	1455	8.2	2.5
JE	2035	10.6	3.2	VE	2040	10.4	3.2
2	0335	4.4	1.3	17	0440	3.6	1.1
	1005	7.8	2.4		1315	9.3	2.8
FR	1410	6.9	2.1	SA	1610	8.9	2.7
VE	2055	10.6	3.2	SA	2105	10.1	3.1
3	0425	3.6	1.1	18	0535	3.3	1.0
	1200	8.3	2.5		1445	9.8	3.0
SA	1445	8.0	2.4	SU	1815	9.4	2.9
SA	2115	10.6	3.2	DI	2130	9.6	3.0
4	0520	2.8	.8	19	0635	3.1	.9
	2145	10.6	3.2		1535	10.3	3.1
SU				MO	2025	9.4	2.9
DI				LU	2210	9.5	2.9
5	0615	1.8	.5	20	0730	2.8	.9
	1555	9.8	3.0		1615	10.4	3.2
MO	1755	9.8	3.0	TU	2130	9.1	2.8
LU	2225	10.6	3.2	MA	2330	9.2	2.8
6	0710	1.0	.3	21	0815	2.6	.8
	1625	10.4	3.2		1645	10.5	3.2
TU	1945	10.0	3.0	WE	2155	8.8	2.7
MA	2325	10.6	3.2	ME			
7	0805	.5	.2	22	0050	9.1	2.8
	1655	10.7	3.3		0900	2.5	.8
WE	2055	9.7	3.0	TH	1705	10.4	3.2
ME				JE	2220	9.4	2.6
8	0040	10.4	3.2	23	0155	9.1	2.8
	0855	.3	.1		0935	2.6	.8
TH	1720	10.6	3.3	FR	1725	10.2	3.1
JE	2150	9.1	2.8	VE	2240	7.9	2.4
9	0155	10.2	3.1	24	0255	9.0	2.7
	0945	.8	.2		1005	2.7	.8
FR	1745	10.5	3.3	SA	1740	10.1	3.1
VE	2240	8.3	2.5	SA	2305	7.2	2.2
10	0310	10.0	3.0	25	0355	9.0	2.7
	1030	1.1	.3		1035	3.1	.9
SA	1810	10.4	3.3	SU	1755	10.1	3.1
SA	2325	7.6	2.3	DI	2330	6.6	2.0
11	0425	9.7	3.0	26	0450	8.8	2.7
	1110	2.0	.6		1105	3.6	1.1
SU	1835	10.8	3.3	MO	1810	10.1	3.1
DI				LU			
12	0015	8.4	2.0	27	0000	5.7	1.7
	0540	9.3	2.8		0545	8.8	2.7
MO	1155	3.3	1.0	TU	1140	4.4	1.3
LU	1855	10.9	3.3	MA	1825	10.2	3.1
13	0105	6.5	1.7	28	0035	5.0	1.5
	0650	9.0	2.7		0640	8.8	2.7
TU	1235	4.6	1.4	WE	1210	5.2	1.6
MA	1925	10.9	3.3	ME	1845	10.3	3.1
14	0155	6.7	1.4	29	0110	4.4	1.3
	0805	8.7	2.7		0740	8.7	2.7
WE	1315	6.3	1.8	TH	1245	6.3	1.9
ME	1950	10.9	3.3	JE	1905	10.3	3.1
15	0245	4.3	1.3	30	0155	3.8	1.1
	0930	8.5	2.6		0850	8.8	2.7
TH	1400	7.1	2.2	FR	1325	7.2	2.2
JE	2015	10.8	3.3	VE	1925	10.1	3.2
				31	0240	3.0	.9
					1015	8.9	2.7
				SA	1410	8.1	2.5
				SA	1950	10.4	3.2

SEPTEMBER–SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0335	2.6	.8	16	0430	3.3	1.0
	1205	8.9	2.8		1335	10.2	3.1
SU	1510	8.9	2.7	MO	1920	9.1	2.8
DI	2015	10.3	3.1	LU	1950	9.1	2.8
2	0440	2.1	.6	17	0535	3.7	1.1
	1350	9.8	3.0		1430	10.3	3.1
MO	1650	9.5	2.9	TU			
LU	2055	10.2	3.1	MA			
3	0545	1.6	.5	18	0640	3.6	1.1
	1450	10.1	3.1		1505	10.2	3.1
TU	1850	9.5	2.9	WE	2100	8.2	2.5
MA	2200	9.9	3.0	ME	2330	8.4	2.6
4	0645	1.7	.5	19	0730	3.8	1.1
	1525	10.6	3.2		1535	10.1	3.1
WE	2015	9.1	2.8	TH	2120	7.7	2.3
ME	2335	9.6	2.9	JE			
5	0745	1.7	.5	20	0105	8.4	2.6
	1555	10.8	3.2		0820	3.7	1.1
TH	2105	8.4	2.6	FR	1550	10.0	3.0
JE				VE	2135	7.9	2.1
6	0110	8.8	2.9	21	0220	8.9	2.6
	0835	2.8	.6		0855	3.8	1.2
FR	1620	10.8	3.2	SA	1605	9.9	3.0
VE	2145	7.7	2.3	SA	2155	8.3	1.9
7	0240	8.8	2.8	22	0325	8.7	2.7
	0925	2.8	.8		0930	4.5	1.3
SA	1645	10.8	3.2	SU	1620	9.8	3.0
SA	2225	8.6	2.0	DI	2220	8.8	1.6
8	0355	8.4	2.9	23	0420	8.6	2.7
	1010	3.1	1.0		1005	4.9	1.5
SU	1705	10.1	3.2	MO	1635	9.9	3.0
DI	2300	8.3	1.6	LU	2245	4.8	1.4
9	0500	8.4	2.9	24	0510	8.2	2.8
	1050	4.1	1.3		1040	5.2	1.7
MO	1730	10.1	3.2	TU	1655	9.8	3.0
LU	2340	8.4	1.3	MA	2315	8.7	1.1
10	0605	8.3	2.9	25	0605	8.2	2.9
	1135	5.1	1.6		1120	6.2	1.9
TU	1750	10.1	3.2	WE	1715	10.0	3.0
MA				ME	2350	7.9	.9
11	0020	8.7	1.1	26	0700	8.0	2.9
	0705	8.2	2.9		1200	7.1	2.2
WE	1220	6.2	2.0	TH	1735	10.1	3.1
ME	1815	10.1	3.2	JE			
12	0105	8.7	1.0	27	0025	8.2	.7
	0815	8.0	2.9		0800	8.0	3.0
TH	1310	7.2	2.3	FR	1245	7.8	2.4
JE	1840	10.3	3.1	VE	1755	10.1	3.1
13	0150	8.7	.9	28	0110	7.8	.6
	0925	8.8	2.9		0905	8.9	3.0
FR	1405	8.1	2.5	SA	1335	8.2	2.6
VE	1905	10.0	3.0	SA	1820	10.2	3.1
14	0235	8.1	.9	29	0205	1.8	.5
	1055	9.1	3.0		1020	10.1	3.1
SA	1510	8.1	2.7	SU	1440	8.2	2.8
SA	1930	9.1	3.0	DI	1850	10.1	3.1
15	0330	8.1	1.0	30	0300	1.8	.5
	1225	9.1	3.0		1140	10.1	3.1
SU	1645	8.1	2.8	MO	1610	8.2	2.8
DI	1950	9.1	2.9	LU	1930	9.2	3.0

TABLE DES MARÉES

FULFORD HARBOUR HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0400	5.1	.6	16	0425	3.9	1.2
	1245	10.5	3.2		1305	10.4	3.2
TU	1800	9.1	2.8	WE	2015	7.9	2.4
MA	2025	9.3	2.8	ME	2120	7.9	2.4
2	0505	3.8	.8	17	0525	4.4	1.3
	1335	10.5	3.2		1335	10.3	3.1
WE	1930	8.4	2.6	TH	2015	7.3	2.2
ME	2215	8.7	2.7	JE	2345	7.7	2.3
3	0615	3.0	.9	18	0625	4.9	1.5
	1415	10.6	3.2		1400	10.1	3.1
TH	2015	7.6	2.3	FR	2030	6.6	2.0
JE				VE			
4	0025	8.4	2.6	19	0125	7.8	2.4
	0715	3.8	1.1		0720	5.2	1.6
FR	1445	10.6	3.2	SA	1420	10.0	3.0
VE	2055	8.4	2.0	SA	2050	5.6	1.7
5	0210	8.4	2.6	20	0245	8.3	2.5
	0810	4.3	1.3		0810	5.7	1.7
SA	1510	10.6	3.2	SU	1435	9.9	3.0
SA	2130	5.3	1.6	DI	2110	4.6	1.4
6	0330	8.9	2.7	21	0345	8.9	2.7
	0900	5.1	1.6		0855	6.3	1.9
SU	1535	10.6	3.2	MO	1455	9.9	3.0
DI	2200	4.3	1.3	LU	2135	3.6	1.1
7	0435	9.4	2.9	22	0435	9.4	2.9
	0950	5.9	1.8		0935	6.8	2.1
MO	1555	10.4	3.2	TU	1515	9.8	3.0
LU	2235	3.4	1.0	MA	2205	2.6	.8
8	0530	9.8	3.0	23	0530	9.8	3.0
	1035	6.7	2.0		1020	7.5	2.3
TU	1620	10.3	3.1	WE	1535	10.0	3.0
MA	2305	2.7	.8	ME	2235	1.7	.5
9	0625	10.2	3.1	24	0620	10.3	3.1
	1125	7.5	2.3		1105	8.2	2.5
WE	1645	10.2	3.1	TH	1600	10.2	3.1
ME	2340	2.3	.7	JE	2315	1.1	.3
10	0720	10.4	3.2	25	0715	10.7	3.3
	1215	8.1	2.5		1200	8.8	2.7
TH	1705	10.1	3.1	FR	1625	10.2	3.1
JE				VE	2355	.7	.2
11	0020	2.1	.6	26	0810	10.9	3.3
	0820	10.5	3.2		1255	9.1	2.8
FR	1315	8.8	2.6	SA	1700	10.2	3.1
VE	1730	9.8	3.0	SA			
12	0100	2.3	.7	27	0045	.7	.2
	0920	10.6	3.2		0910	11.0	3.4
SA	1425	8.9	2.7	SU	1400	9.3	2.8
SA	1755	9.6	2.9	DI	1735	10.1	3.1
13	0145	2.8	.8	28	0135	1.0	.3
	1025	10.6	3.2		1005	11.1	3.4
SU	1540	9.0	2.7	MO	1520	9.2	2.8
DI	1820	9.2	2.8	LU	1820	9.7	3.0
14	0235	3.0	.9	29	0230	1.7	.5
	1125	10.5	3.2		1100	11.1	3.4
MO	1725	8.9	2.7	TU	1650	8.4	2.7
LU	1830	8.4	2.7	MA	1915	8.0	2.7
15	0325	3.6	1.1	30	0325	2.5	.8
	1220	10.4	3.2		1145	11.1	3.4
TU				WE	1815	8.4	2.4
MA				ME	2055	8.2	2.5
				31	0425	3.4	1.1
					1225	11.1	3.4
				TH	1915	8.0	2.1
				JE	2325	7.8	2.4

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0530	4.7	1.4	16	0505	5.9	1.8
	1300	11.0	3.4		1225	10.5	3.2
FR	1955	8.7	1.7	SA	1935	5.5	1.7
VE				SA			
2	0130	8.0	2.4	17	0135	7.8	2.4
	0640	5.9	1.8		0605	6.7	2.0
SA	1335	10.9	3.3	SU	1250	10.4	3.2
SA	2030	4.6	1.4	DI	2000	4.4	1.3
3	0300	8.7	2.7	18	0300	8.6	2.6
	0745	6.7	2.0		0710	7.6	2.3
SU	1400	10.9	3.3	MO	1310	10.3	3.1
DI	2105	3.5	1.1	LU	2025	3.3	1.0
4	0410	9.4	2.9	19	0400	9.3	2.8
	0840	7.5	2.3		0815	8.2	2.5
MO	1425	10.7	3.3	TU	1335	10.4	3.2
LU	2135	2.7	.8	MA	2055	2.3	.7
5	0505	10.1	3.1	20	0455	10.1	3.1
	0935	8.2	2.5		0910	8.8	2.7
TU	1445	10.5	3.2	WE	1355	10.4	3.2
MA	2205	2.1	.6	ME	2130	1.2	.4
6	0555	10.6	3.2	21	0545	10.7	3.3
	1030	8.7	2.7		1005	9.3	2.8
WE	1510	10.3	3.1	TH	1425	10.6	3.2
ME	2235	1.7	.5	JE	2210	.4	.1
7	0645	10.9	3.3	22	0635	11.2	3.4
	1130	9.0	2.7		1100	9.6	2.9
TH	1535	10.2	3.1	FR	1500	10.7	3.3
JE	2310	1.5	.5	VE	2250	.0	.0
8	0730	11.1	3.4	23	0720	11.4	3.5
	1230	9.2	2.8		1155	9.8	3.0
FR	1605	9.9	3.0	SA	1540	10.6	3.2
VE	2345	1.6	.5	SA	2335	-0.1	.0
9	0815	11.2	3.4	24	0810	11.6	3.5
	1330	9.2	2.8		1300	9.7	3.0
SA	1635	9.7	3.0	SU	1625	10.4	3.2
SA				DI			
10	0025	1.8	.5	25	0025	.3	.1
	0905	11.2	3.4		0850	11.6	3.5
SU	1435	9.1	2.8	MO	1405	9.4	2.9
DI	1705	9.3	2.8	LU	1720	10.0	3.0
11	0105	2.3	.7	26	0115	1.1	.3
	0950	11.1	3.4		0935	11.7	3.6
MO	1545	9.0	2.7	TU	1520	8.8	2.7
LU	1730	9.0	2.7	MA	1820	9.2	2.8
12	0150	2.9	.9	27	0200	2.2	.7
	1030	11.0	3.4		1010	11.7	3.6
TU	1715	8.5	2.6	WE	1635	7.9	2.4
MA	1755	8.5	2.6	ME	1950	8.4	2.6
13	0235	3.5	1.1	28	0250	3.8	1.1
	1105	10.9	3.3		1050	11.6	3.5
WE				TH	1745	8.8	2.1
ME				JE	2200	7.7	2.3
14	0320	4.3	1.3	29	0345	5.0	1.5
	1135	10.8	3.3		1120	11.6	3.5
TH	1855	7.3	2.2	FR	1840	6.6	1.7
JE	2135	7.4	2.3	VE			
15	0405	5.1	1.6	30	0015	7.7	2.3
	1200	10.5	3.2		0445	8.4	2.0
FR	1915	8.4	2.0	SA	1155	11.3	3.5
VE	2345	7.4	2.3	SA	1925	4.4	1.3

DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0215	8.4	2.6	16	0145	8.1	2.5
	0600	7.7	2.3		0440	7.6	2.4
SU	1225	11.3	3.4	MO	1130	10.6	3.3
DI	2005	3.4	1.0	LU	1910	3.6	1.1
2	0345	8.4	2.9	17	0325	8.0	2.7
	0720	8.7	2.7		0610	8.6	2.7
MO	1250	11.1	3.4	TU	1155	10.6	3.3
LU	2040	2.6	.8	MA	1945	2.4	.7
3	0445	10.2	3.1	18	0425	10.0	3.0
	0830	9.3	2.8		0735	9.6	2.9
TU	1315	10.8	3.3	WE	1220	10.9	3.3
MA	2110	2.0	.6	ME	2025	1.3	.4
4	0530	10.8	3.3	19	0510	10.7	3.3
	0940	9.7	3.0		0845	10.0	3.0
WE	1340	10.6	3.2	TH	1255	11.0	3.4
ME	2140	1.6	.5	JE	2105	.4	.1
5	0610	11.3	3.4	20	0555	11.2	3.4
	1040	9.8	3.0		0945	10.2	3.1
TH	1410	10.4	3.2	FR	1340	11.1	3.4
JE	2215	1.4	.4	VE	2150	-0.1	.0
6	0650	11.6	3.5	21	0630	11.6	3.5
	1140	9.8	3.0		1045	10.2	3.1
FR	1445	10.2	3.1	SA	1430	11.1	3.4
VE	2250	1.4	.4	SA	2235	-0.3	-0.1
7	0725	11.6	3.5	22	0710	11.7	3.6
	1235	9.6	2.9		1140	10.0	3.0
SA	1520	10.0	3.0	SU	1525	10.9	3.3
SA	2325	1.6	.5	DI	2320	.0	.0
8	0800	11.6	3.5	23	0745	11.7	3.6
	1325	9.4	2.9		1240	9.4	2.9
SU	1600	9.7	3.0	MO	1625	10.4	3.2
DI				LU			
9	0000	1.8	.6	24	0010	.7	.2
	0835	11.4	3.5		0815	11.8	3.6
MO	1415	8.9	2.7	TU	1345	8.7	2.7
LU	1640	9.3	2.8	MA	1730	9.8	3.0
10	0040	2.4	.7	25	0055	1.8	.5
	0905	11.3	3.4		0850	11.5	3.6
TU	1505	8.8	2.6	WE	1450	7.8	2.4
MA	1725	8.8	2.7	ME	1855	8.9	2.7
11	0115	3.0	.9	26	0140	3.8	1.0
	0930	11.3	3.4		0920	11.8	3.6
WE	1600	8.1	2.5	TH	1555	6.7	2.0
ME	1825	8.3	2.5	JE	2035	8.2	2.5
12	0150	3.8	1.2	27	0220	4.8	1.5
	0955	11.2	3.4		0950	11.2	3.6
TH	1650	7.5	2.3	FR	1700	5.6	1.7
JE	1945	7.8	2.4	VE	2230	7.9	2.4
13	0225	4.7	1.4	28	0305	6.4	2.0
	1020	11.1	3.4		1020	11.8	3.6
FR	1730	6.7	2.0	SA	1755	4.6	1.4
VE	2140	7.4	2.3	SA			
14	0300	6.7	1.7	29	0045	8.3	2.5
	1045	11.0	3.4		0355	7.8	2.4
SA	1805	6.8	1.8	SU	1050	11.6	3.5
SA	2340	7.8	2.3	DI	1845	3.7	1.1
15	0345	8.8	2.1	30	0255	8.2	2.8
	1105	10.8	3.3		0520	8.1	2.8
SU	1835	4.8	1.5	MO	1120	11.2	3.4
DI				LU	1930	3.0	.9
				31	0410	10.2	3.1
					0705	8.8	3.0
				TU	1150	11.6	3.4
				MA	2010	2.6	.8

1991

JANUARY–JANVIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0710	16.4	5.0	16	0715	15.3	4.7
	1215	11.7	3.6		1230	11.7	3.4
TU	1645	14.5	4.4	WE	1655	13.3	4.0
MA				ME			
2	0020	.8	.2	17	0015	2.8	.9
	0745	16.8	5.1		0740	15.4	4.7
WE	1310	11.0	3.4	TH	1310	10.7	3.3
ME	1750	14.0	4.3	JE	1740	13.0	4.0
3	0105	1.3	.4	18	0045	3.1	.9
	0825	16.8	5.1		0800	15.5	4.7
TH	1410	10.1	3.1	FR	1350	10.0	3.0
JE	1855	13.2	4.0	VE	1830	12.6	3.8
4	0145	2.5	.8	19	0120	3.8	1.2
	0900	16.5	5.0		0825	15.6	4.8
FR	1505	9.1	2.8	SA	1430	9.2	2.8
VE	2000	12.3	3.7	SA	1925	12.1	3.7
5	0230	4.1	1.2	20	0150	4.8	1.5
	0930	16.3	5.0		0850	15.6	4.8
SA	1605	8.0	2.4	SU	1515	8.2	2.5
SA	2110	11.5	3.5	DI	2025	11.7	3.6
6	0310	5.9	1.8	21	0225	6.1	1.9
	1005	16.0	4.9		0910	15.5	4.7
SU	1705	6.9	2.1	MO	1600	7.1	2.2
DI	2230	10.9	3.3	LU	2135	11.4	3.5
7	0350	7.8	2.4	22	0305	7.7	2.3
	1035	15.5	4.7		0940	15.3	4.7
MO	1800	6.0	1.8	TU	1650	6.0	1.8
LU				MA	2300	11.4	3.5
8	0015	11.0	3.4	23	0350	9.3	2.8
	0440	9.5	2.9		1005	15.1	4.6
TU	1105	14.9	4.5	WE	1745	4.9	1.5
MA	1850	5.2	1.6	ME			
9	0215	11.8	3.6	24	0050	11.8	3.6
	0550	11.1	3.4		0455	10.8	3.3
WE	1135	14.2	4.3	TH	1040	14.9	4.5
ME	1940	4.5	1.4	JE	1840	3.9	1.2
10	0340	12.8	3.9	25	0245	12.8	3.9
	0725	12.0	3.7		0620	12.0	3.7
TH	1205	13.7	4.2	FR	1125	14.7	4.5
JE	2025	4.0	1.2	VE	1945	3.0	.9
11	0430	13.8	4.2	26	0355	13.9	4.2
	0855	12.3	3.7		0800	12.6	3.8
FR	1245	13.4	4.1	SA	1220	14.5	4.4
VE	2110	3.9	1.1	SA	2045	2.3	.7
12	0510	14.8	4.4	27	0445	14.8	4.5
	1000	12.3	3.7		0915	12.4	3.8
SA	1330	13.2	4.0	SU	1330	14.4	4.4
SA	2155	3.3	1.0	DI	2140	1.6	.5
13	0545	14.8	4.5	28	0525	15.3	4.7
	1045	12.2	3.7		1020	11.9	3.6
SU	1425	13.2	4.0	MO	1450	14.4	4.4
DI	2235	3.0	.9	LU	2235	1.2	.4
14	0620	15.1	4.6	29	0605	15.7	4.8
	1120	11.8	3.6		1115	11.2	3.4
MO	1520	13.3	4.1	TU	1600	14.4	4.4
LU	2310	2.7	.8	MA	2320	1.2	.4
15	0645	15.1	4.6	30	0640	15.8	4.8
	1155	11.5	3.5		1205	10.3	3.1
TU	1605	13.3	4.1	WE	1705	14.2	4.3
MA	2345	2.6	.8	ME			
				31	0005	1.6	.5
					0710	16.1	4.9
				TH	1255	9.3	2.8
				JE	1800	13.8	4.2

FEBRUARY–FEVRIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0045	2.7	.8	16	0025	4.3	1.3
	0740	15.1	4.9		0710	15.0	4.6
FR	1345	8.2	2.5	SA	1315	7.8	2.4
VE	1900	13.2	4.0	SA	1845	13.0	4.0
2	0125	4.1	1.2	17	0100	5.2	1.6
	0810	15.0	4.9		0730	15.1	4.6
SA	1430	7.3	2.2	SU	1355	6.8	2.1
SA	2000	12.6	3.8	DI	1935	12.8	3.9
3	0200	5.7	1.7	18	0135	6.2	1.9
	0840	15.7	4.8		0755	15.2	4.6
SU	1520	6.3	1.9	MO	1435	5.8	1.8
DI	2105	12.0	3.7	LU	2035	12.6	3.8
4	0240	7.4	2.3	19	0210	7.7	2.3
	0905	15.3	4.7		0820	15.1	4.6
MO	1605	5.7	1.7	TU	1520	4.8	1.5
LU	2215	11.7	3.6	MA	2140	12.4	3.8
5	0315	8.9	2.7	20	0255	9.1	2.8
	0930	14.7	4.5		0845	14.9	4.5
TU	1655	5.3	1.6	WE	1610	4.2	1.3
MA	2350	11.8	3.6	ME	2300	12.5	3.8
6	0405	10.4	3.2	21	0345	10.6	3.2
	0955	14.1	4.3		0915	14.5	4.4
WE	1745	5.0	1.5	TH	1705	3.8	1.2
ME				JE			
7	0140	12.3	3.7	22	0050	12.8	3.9
	0510	11.5	3.5		0455	11.8	3.5
TH	1020	13.5	4.1	FR	0955	14.2	4.3
JE	1845	4.9	1.5	VE	1805	3.4	1.0
8	0300	13.0	4.0	23	0225	13.6	4.1
	0705	12.2	3.7		0630	12.1	3.7
FR	1055	13.0	4.0	SA	1055	13.7	4.2
VE	1940	4.7	1.4	SA	1920	3.2	1.0
9	0350	13.6	4.1	24	0325	14.1	4.3
	0845	12.1	3.7		0810	11.9	3.6
SA	1150	12.7	3.9	SU	1215	13.4	4.1
SA	2040	4.4	1.3	DI	2025	2.9	.9
10	0435	14.1	4.3	25	0410	14.8	4.5
	0945	11.8	3.6		0920	11.2	3.4
SU	1310	12.6	3.8	MO	1350	13.3	4.1
DI	2130	4.0	1.2	LU	2125	2.7	.8
11	0510	14.3	4.4	26	0450	14.8	4.5
	1020	11.4	3.5		1015	10.2	3.1
MO	1430	12.7	3.9	TU	1510	13.4	4.1
LU	2210	3.7	1.1	MA	2220	2.7	.8
12	0540	14.5	4.4	27	0525	15.1	4.6
	1055	11.0	3.4		1100	9.1	2.8
TU	1530	13.0	4.0	WE	1615	13.4	4.1
MA	2250	3.4	1.0	ME	2305	3.1	.9
13	0605	14.6	4.5	28	0555	15.1	4.6
	1130	10.4	3.2		1145	7.9	2.4
WE	1620	13.1	4.0	TH	1715	13.7	4.2
ME	2320	3.4	1.0	JE	2345	3.8	1.2
14	0630	14.8	4.5				
	1205	9.7	3.0				
TH	1705	13.2	4.0				
JE	2355	3.7	1.1				
15	0650	14.8	4.5				
	1240	8.9	2.7				
FR	1755	13.1	4.0				
VE							

MARCH–MARS

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0620	15.1	4.6	16	0545	14.3	4.4
	1230	6.9	2.1		1205	6.1	1.9
FR	1810	13.5	4.1	SA	1800	13.4	4.1
VE				SA			
2	0025	6.0	1.5	17	0000	6.2	1.9
	0650	15.2	4.6		0610	14.6	4.4
SA	1310	6.0	1.8	SU	1240	5.1	1.6
SA	1905	13.4	4.1	DI	1850	13.6	4.1
3	0100	6.3	1.9	18	0040	7.3	2.2
	0715	15.0	4.6		0630	14.6	4.5
SU	1350	5.0	1.5	MO	1320	4.1	1.2
DI	2000	13.1	4.0	LU	1945	13.6	4.1
4	0140	7.6	2.3	19	0120	8.3	2.5
	0740	14.7	4.5		0700	14.6	4.5
MO	1430	4.6	1.4	TU	1400	3.3	1.0
LU	2055	12.8	3.9	MA	2045	13.6	4.1
5	0215	8.9	2.7	20	0200	9.4	2.9
	0800	14.2	4.3		0725	14.6	4.4
TU	1510	4.4	1.3	WE	1445	2.8	.9
MA	2200	12.8	3.9	ME	2150	13.6	4.1
6	0255	10.0	3.0	21	0255	10.4	3.2
	0820	13.7	4.2		0755	14.1	4.3
WE	1550	4.6	1.4	TH	1535	2.7	.8
ME	2315	12.7	3.9	JE	2305	13.8	4.1
7	0345	11.0	3.4	22	0355	11.2	3.4
	0845	13.1	4.0		0835	13.8	4.1
TH	1635	4.7	1.4	FR	1630	2.9	.9
JE				VE			
8	0045	12.8	3.9	23	0030	13.8	4.2
	0455	11.6	3.5		0520	11.6	3.5
FR	0915	12.8	3.8	SA	0930	13.0	4.0
VE	1735	4.9	1.5	SA	1740	3.3	1.0
9	0155	13.2	4.0	24	0145	14.0	4.3
	0710	11.7	3.6		0705	11.2	3.4
SA	1000	12.0	3.7	SU	1055	12.1	3.7
SA	1840	5.1	1.6	DI	1850	3.7	1.1
10	0255	13.4	4.1	25	0235	14.3	4.4
	0835	11.3	3.4		0820	10.3	3.1
SU	1120	11.7	3.6	MO	1245	12.0	3.7
DI	1950	5.1	1.6	LU	2000	4.0	1.2
11	0340	13.7	4.2	26	0320	14.4	4.4
	0920	10.8	3.3		0915	9.1	2.8
MO	1310	11.6	3.5	TU	1420	12.3	3.7
LU	2045	4.9	1.5	MA	2100	4.1	1.3
12	0415	13.8	4.2	27	0355	14.5	4.4
	0955	10.1	3.1		1000	7.8	2.4
TU	1430	12.3	3.7	WE	1530	12.6	3.8
MA	2135	4.7	1.4	ME	2155	4.5	1.5
13	0440	13.8	4.2	28	0430	14.3	4.4
	1025	9.7	2.8		1045	6.5	2.0
WE	1530	12.4	3.8	TH	1630	13.2	4.0
ME	2215	4.7	1.4	JE	2240	5.6	1.7
14	0505	14.0	4.3	29	0500	14.4	4.4
	1055	8.4	2.6		1125	5.2	1.6
TH	1620	12.4	3.9	FR	1725	13.2	4.1
JE	2250	4.9	1.5	VE	2325	6.6	2.0
15	0525	14.2	4.3	30	0525	14.4	4.4
	1130	7.3	2.2		1200	4.1	1.3
FR	1710	13.1	4.0	SA	1820	13.7	4.2
VE	2325	5.4	1.6	SA			
				31	0005	7.6	2.3
					0550	14.1	4.3
				SU	1240	3.6	1.1
				DI	1910	13.7	4.2

VANCOUVER HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0040	8.5	2.6	16	0020	9.2	2.8
	0615	14.2	4.3		0535	14.2	4.4
MO	1315	3.3	1.0	TU	1250	1.7	.5
LU	2000	13.8	4.2	MA	1955	14.8	4.5
2	0120	9.4	2.9	17	0110	10.1	3.1
	0635	13.7	4.2		0605	14.2	4.4
TU	1350	3.1	.9	WE	1335	1.3	.4
MA	2050	13.8	4.2	ME	2050	14.7	4.5
3	0200	10.2	3.1	18	0200	10.7	3.3
	0655	13.3	4.1		0640	14.0	4.3
WE	1425	3.3	1.0	TH	1420	1.3	.4
ME	2145	13.7	4.2	JE	2155	14.7	4.5
4	0245	10.8	3.3	19	0300	11.1	3.4
	0720	12.8	3.9		0725	13.4	4.1
TH	1500	3.7	1.1	FR	1510	1.8	.5
JE	2245	13.6	4.1	VE	2255	14.7	4.5
5	0340	11.2	3.4	20	0415	11.2	3.4
	0745	12.3	3.7		0820	12.6	3.8
FR	1540	4.1	1.2	SA	1610	2.6	.8
VE	2350	13.5	4.1	SA			
6	0505	11.3	3.4	21	0000	14.7	4.5
	0820	11.7	3.6		0545	10.7	3.3
SA	1630	4.7	1.4	SU	0940	11.7	3.6
SA				DI	1710	3.8	1.1
7	0050	13.5	4.1	22	0055	14.7	4.5
	0710	11.0	3.4		0710	9.6	2.9
SU	0920	11.1	3.4	MO	1125	11.1	3.4
DI	1730	5.2	1.6	LU	1820	4.6	1.4
8	0145	13.5	4.1	23	0140	14.8	4.5
	0810	10.3	3.1		0810	8.2	2.5
MO	1100	10.7	3.3	TU	1310	11.0	3.4
LU	1840	5.6	1.7	MA	1930	5.6	1.7
9	0225	13.5	4.1	24	0225	14.5	4.4
	0850	9.6	2.9		0900	6.9	2.1
TU	1300	10.7	3.3	WE	1435	11.5	3.5
MA	1945	5.9	1.8	ME	2030	6.6	2.0
10	0300	13.6	4.1	25	0300	14.3	4.4
	0920	8.6	2.6		0940	5.6	1.7
WE	1425	11.2	3.4	TH	1545	12.2	3.7
ME	2040	6.1	1.9	JE	2130	7.4	2.3
11	0330	13.8	4.1	26	0330	14.1	4.3
	0950	7.4	2.3		1020	4.4	1.3
TH	1525	11.9	3.6	FR	1645	13.0	4.0
JE	2130	8.5	2.0	VE	2220	8.2	2.5
12	0355	13.7	4.2	27	0400	13.9	4.2
	1020	6.2	1.9		1055	3.4	1.0
FR	1620	12.7	3.9	SA	1740	13.6	4.1
VE	2215	7.0	2.1	SA	2305	8.8	2.7
13	0415	13.8	4.2	28	0430	13.7	4.2
	1055	4.9	1.5		1130	2.8	.9
SA	1715	13.3	4.1	SU	1830	14.1	4.3
SA	2255	7.7	2.3	DI	2345	9.7	3.0
14	0440	14.0	4.3	29	0450	13.6	4.1
	1130	3.6	1.1		1205	2.4	.7
SU	1805	13.5	4.2	MO	1915	14.4	4.4
DI	2340	8.5	2.6	LU			
15	0505	14.2	4.3	30	0030	10.3	3.1
	1210	2.6	.8		0515	13.6	4.1
MO	1900	14.3	4.4	TU	1240	2.3	.7
LU				MA	2000	14.8	4.4

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0110	10.7	3.3	16	0100	11.1	3.4
	0535	13.0	4.0		0530	14.2	4.3
WE	1315	2.4	.7	TH	1315	1.3	.1
ME	2040	14.5	4.4	JE	2050	15.3	4.7
2	0150	10.8	3.3	17	0200	11.2	3.4
	0600	12.7	3.9		0620	13.4	4.1
TH	1345	2.7	.8	FR	1405	.7	.2
JE	2125	14.4	4.4	VE	2140	15.3	4.7
3	0240	11.1	3.4	18	0305	10.8	3.3
	0630	12.3	3.7		0720	12.8	3.9
FR	1420	3.1	.9	SA	1455	1.6	.5
VE	2210	14.3	4.4	SA	2230	15.6	4.7
4	0340	11.1	3.4	19	0420	10.3	3.1
	0705	11.7	3.6		0835	11.8	3.6
SA	1500	3.7	1.1	SU	1545	2.8	.9
SA	2300	14.2	4.3	DI	2320	15.4	4.7
5	0500	10.8	3.3	20	0540	9.2	2.8
	0755	11.1	3.4		1000	11.0	3.4
SU	1540	4.4	1.3	MO	1640	4.3	1.3
DI	2345	14.0	4.3	LU			
6	0625	10.2	3.1	21	0005	15.2	4.6
	0910	10.5	3.2		0650	7.8	2.4
MO	1630	5.2	1.6	TU	1140	10.6	3.2
LU				MA	1740	5.9	1.8
7	0025	13.9	4.2	22	0045	14.8	4.5
	0720	9.3	2.8		0745	6.5	2.0
TU	1055	10.1	3.1	WE	1320	10.8	3.3
MA	1730	6.0	1.8	ME	1850	7.4	2.3
8	0105	13.8	4.2	23	0125	14.8	4.4
	0800	8.3	2.5		0830	6.1	1.6
WE	1245	10.3	3.1	TH	1450	11.5	3.5
ME	1835	6.9	2.1	JE	2000	8.6	2.6
9	0135	13.7	4.2	24	0200	14.1	4.3
	0830	7.1	2.2		0910	4.0	1.2
TH	1410	10.9	3.3	FR	1605	12.5	3.8
JE	1940	7.7	2.3	VE	2100	9.8	2.9
10	0205	13.7	4.2	25	0230	13.8	4.2
	0905	5.7	1.7		0950	3.2	1.0
FR	1520	11.9	3.6	SA	1705	13.4	4.1
VE	2045	8.4	2.6	SA	2200	10.3	3.1
11	0235	13.7	4.2	26	0300	13.5	4.1
	0940	4.3	1.3		1030	2.6	.8
SA	1620	12.6	3.9	SU	1750	14.1	4.3
SA	2140	9.1	2.8	DI	2250	10.7	3.3
12	0305	13.9	4.2	27	0330	13.2	4.0
	1020	2.9	.9		1105	2.2	.7
SU	1720	13.5	4.2	MO	1835	14.5	4.4
DI	2230	9.8	3.0	LU	2335	11.0	3.4
13	0335	14.1	4.3	28	0400	13.1	4.0
	1100	1.7	.5		1140	2.1	.6
MO	1810	14.6	4.4	TU	1910	14.7	4.5
LU	2320	10.4	3.2	MA			
14	0410	14.2	4.4	29	0015	11.2	3.4
	1145	.8	.2		0425	13.0	4.0
TU	1905	15.1	4.6	WE	1215	2.1	.6
MA				ME	1950	14.8	4.5
15	0010	10.8	3.3	30	0055	11.2	3.4
	0450	14.4	4.4		0455	12.8	3.9
WE	1230	.3	.1	TH	1250	2.3	.7
ME	1955	15.4	4.7	JE	2025	14.8	4.5
				31	0140	11.2	3.4
					0530	12.5	3.8
				FR	1320	2.3	.8
				VE	2100	14.5	4.5

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0225	11.0	3.4	16	0255	10.0	3.0
	0610	12.1	3.7		0735	12.6	3.8
SA	1355	3.0	.9	SU	1435	2.2	.7
SA	2135	14.7	4.5	DI	2155	15.3	4.6
2	0320	10.7	3.3	17	0400	8.9	2.7
	0700	11.5	3.5		0850	11.7	3.6
SU	1430	3.8	1.1	MO	1520	3.8	1.2
DI	2210	14.9	4.5	LU	2230	15.7	4.8
3	0420	10.1	3.1	18	0510	7.7	2.3
	0800	10.9	3.3		1010	10.9	3.3
MO	1505	4.4	1.3	TU	1610	5.6	1.7
LU	2245	14.6	4.4	MA	2310	15.3	4.7
4	0520	9.3	2.8	19	0610	6.4	2.0
	0920	10.4	3.2		1140	10.7	3.3
TU	1545	5.4	1.6	WE	1705	7.4	2.3
MA	2315	14.3	4.4	ME	2345	14.9	4.5
5	0610	8.3	2.5	20	0705	5.3	1.6
	1050	10.1	3.1		1325	11.1	3.4
WE	1635	5.9	2.0	TH	1810	9.0	2.7
ME	2345	14.2	4.3	JE			
6	0655	7.1	2.2	21	0020	14.4	4.4
	1225	10.4	3.2		0750	4.3	1.3
TH	1735	7.8	2.4	FR	1500	12.6	3.7
JE				VE	1925	10.3	3.1
7	0015	14.1	4.3	22	0055	13.9	4.2
	0740	5.8	1.8		0840	3.8	1.1
FR	1400	11.1	3.4	SA	1610	12.5	3.9
VE	1845	9.1	2.8	SA	2040	11.0	3.4
8	0050	14.0	4.3	23	0130	13.4	4.1
	0820	4.4	1.3		0920	3.1	.9
SA	1520	12.3	3.7	SU	1705	13.7	4.2
SA	2000	10.1	3.1	DI	2145	11.3	3.4
9	0125	14.1	4.3	24	0210	13.1	4.0
	0905	3.1	.9		1005	2.7	.8
SU	1625	13.3	4.1	MO	1745	14.3	4.4
DI	2110	10.6	3.3	LU	2235	11.5	3.5
10	0200	14.2	4.3	25	0245	13.0	4.0
	0950	1.8	.5		1040	2.6	.8
MO	1720	14.3	4.4	TU	1820	14.6	4.5
LU	2205	11.3	3.4	MA	2320	11.4	3.5
11	0245	14.4	4.4	26	0325	12.8	3.9
	1040	.8	.2		1120	2.4	.7
TU	1815	15.0	4.6	WE	1855	14.7	4.5
MA	2305	11.5	3.5	ME			
12	0335	14.5	4.4	27	0000	11.3	3.4
	1125	.2	.1		0405	12.9	3.9
WE	1900	15.4	4.7	TH	1155	2.4	.7
ME	2355	11.5	3.5	JE	1930	14.7	4.5
13	0425	14.6	4.4	28	0040	11.1	3.4
	1215	-0.1	.0		0450	12.8	3.9
TH	1945	15.7	4.8	FR	1230	2.5	.8
JE				VE	2000	14.8	4.5
14	0055	11.2	3.4	29	0120	10.8	3.3
	0525	14.1	4.3		0530	12.6	3.8
FR	1300	.3	.1	SA	1300	2.8	.9
VE	2030	15.3	4.8	SA	2030	14.8	4.5
15	0150	10.7	3.3	30	0200	10.4	3.2
	0625	13.6	4.1		0620	12.3	3.7
SA	1350	1.0	.3	SU	1330	3.1	1.0
SA	2110	15.3	4.8	DI	2055	14.8	4.5

1991

JULY–JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0245	8.9	3.0	16	0330	7.3	2.2
	0710	11.7	3.6		0850	11.8	3.6
MO	1405	4.0	1.2	TU	1455	5.2	1.6
LU	2120	14.8	4.5	MA	2140	15.5	4.7
2	0335	9.1	2.8	17	0425	8.3	1.9
	0810	11.1	3.4		1005	11.3	3.4
TU	1435	5.0	1.5	WE	1540	7.0	2.1
MA	2145	14.7	4.5	ME	2210	15.1	4.6
3	0420	8.2	2.5	18	0520	6.4	1.6
	0920	10.8	3.3		1135	11.2	3.4
WE	1515	6.2	1.9	TH	1630	8.8	2.7
ME	2210	14.8	4.5	JE	2245	14.5	4.4
4	0510	7.2	2.2	19	0615	4.7	1.4
	1035	10.6	3.2		1320	11.8	3.5
TH	1600	7.5	2.3	FR	1735	10.2	3.1
JE	2240	14.4	4.4	VE	2320	13.9	4.2
5	0555	6.0	1.8	20	0710	4.3	1.3
	1210	10.9	3.3		1450	12.4	3.8
FR	1655	9.1	2.8	SA	1900	11.2	3.4
VE	2310	14.3	4.4	SA	2355	13.5	4.1
6	0645	4.8	1.5	21	0800	3.9	1.2
	1350	11.7	3.6		1555	13.2	4.0
SA	1805	10.3	3.1	SU	2025	11.5	3.5
SA	2345	14.2	4.3	DI			
7	0740	3.8	1.1	22	0040	12.9	3.9
	1520	12.7	3.9		0850	3.8	1.1
SU	1930	11.3	3.4	MO	1640	13.7	4.2
DI				LU	2130	11.5	3.5
8	0030	14.3	4.4	23	0135	12.8	3.9
	0835	2.5	.8		0940	3.3	1.0
MO	1625	13.7	4.2	TU	1720	14.1	4.3
LU	2045	11.7	3.6	MA	2220	11.4	3.5
9	0120	14.4	4.4	24	0230	12.9	3.9
	0930	1.8	.5		1025	3.1	.9
TU	1715	14.5	4.4	WE	1755	14.3	4.4
MA	2150	11.8	3.6	ME	2300	11.2	3.4
10	0220	14.5	4.4	25	0325	12.9	3.9
	1020	1.3	.2		1100	2.9	.9
WE	1800	15.0	4.6	TH	1830	14.3	4.4
ME	2250	11.6	3.5	JE	2335	10.8	3.3
11	0325	14.5	4.4	26	0410	13.0	4.0
	1110	1.4	.1		1135	2.9	.9
TH	1840	15.4	4.7	FR	1855	14.4	4.4
JE	2345	11.1	3.4	VE			
12	0430	14.4	4.4	27	0015	10.4	3.2
	1200	1.4	.1		0455	12.9	3.9
FR	1920	15.7	4.8	SA	1205	3.0	.9
VE				SA	1920	14.5	4.4
13	0040	10.4	3.2	28	0050	9.9	3.0
	0535	14.0	4.3		0540	12.7	3.9
SA	1245	1.0	.3	SU	1235	3.4	1.0
SA	1955	15.8	4.8	DI	1940	14.8	4.5
14	0135	9.5	2.9	29	0130	9.2	2.8
	0635	13.4	4.1		0625	12.4	3.8
SU	1330	2.0	.6	MO	1305	4.0	1.2
DI	2030	15.8	4.8	LU	2005	14.7	4.5
15	0235	8.4	2.6	30	0210	8.8	2.6
	0740	12.6	3.8		0720	12.0	3.7
MO	1410	3.6	1.1	TU	1340	4.8	1.5
LU	2105	15.8	4.8	MA	2025	14.7	4.5
				31	0250	7.4	2.3
					0815	11.7	3.6
				WE	1410	6.1	1.9
				ME	2050	14.7	4.5

AUGUST–AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0330	6.7	2.0	16	0430	4.7	1.4
	0915	11.5	3.5		1120	12.0	3.7
TH	1450	7.4	2.3	FR	1600	9.9	3.0
JE	2115	14.5	4.4	VE	2140	13.6	4.2
2	0415	5.8	1.8	17	0520	4.6	1.4
	1030	11.5	3.5		1255	12.3	3.7
FR	1535	8.8	2.7	SA	1705	10.9	3.3
VE	2140	14.4	4.4	SA	2215	13.1	4.0
3	0510	4.9	1.5	18	0620	4.6	1.4
	1200	11.7	3.6		1415	12.8	3.9
SA	1635	10.1	3.1	SU	1845	11.4	3.5
SA	2215	14.2	4.3	DI	2300	12.8	3.8
4	0605	4.1	1.2	19	0720	4.6	1.4
	1350	12.3	3.7		1515	13.2	4.0
SU	1745	11.2	3.4	MO	2020	11.4	3.5
DI	2300	14.1	4.3	LU			
5	0705	3.3	1.0	20	0000	12.3	3.7
	1510	13.1	4.0		0820	4.4	1.3
MO	1915	11.8	3.6	TU	1605	13.5	4.1
LU	2355	14.0	4.3	MA	2115	11.1	3.4
6	0810	2.5	.8	21	0120	12.2	3.7
	1605	13.9	4.2		0910	4.1	1.2
TU	2040	11.8	3.6	WE	1640	13.7	4.2
MA				ME	2200	10.7	3.3
7	0105	14.0	4.3	22	0230	12.4	3.8
	0910	1.9	.6		0955	3.9	1.2
WE	1650	14.4	4.4	TH	1715	13.9	4.2
ME	2145	11.3	3.4	JE	2235	10.2	3.1
8	0225	14.1	4.3	23	0325	12.7	3.9
	1005	1.4	.4		1035	3.8	1.2
TH	1730	14.8	4.5	FR	1740	14.0	4.3
JE	2240	10.6	3.2	VE	2310	9.6	2.9
9	0335	14.1	4.3	24	0415	12.9	3.9
	1055	1.3	.4		1110	3.9	1.2
FR	1805	15.1	4.6	SA	1805	14.0	4.3
VE	2335	9.7	3.0	SA	2345	9.0	2.7
10	0440	14.1	4.3	25	0500	13.0	4.0
	1140	1.7	.5		1140	4.2	1.3
SA	1840	15.4	4.7	SU	1825	14.1	4.3
SA				DI			
11	0025	8.5	2.6	26	0020	8.2	2.5
	0540	13.8	4.2		0545	12.9	3.9
SU	1225	2.6	.8	MO	1210	4.7	1.4
DI	1910	15.5	4.7	LU	1845	14.3	4.4
12	0115	7.5	2.3	27	0055	7.3	2.2
	0640	13.4	4.1		0630	12.8	3.9
MO	1305	3.9	1.2	TU	1240	5.5	1.7
LU	1945	15.5	4.7	MA	1905	14.4	4.4
13	0200	6.4	2.0	28	0130	6.4	2.0
	0740	12.9	3.9		0720	12.7	3.9
TU	1345	5.4	1.6	WE	1315	6.8	2.0
MA	2015	15.3	4.7	ME	1930	14.4	4.4
14	0250	5.8	1.7	29	0210	5.6	1.7
	0845	12.4	3.8		0815	12.4	3.8
WE	1425	7.0	2.1	TH	1355	7.7	2.3
ME	2045	14.3	4.5	JE	1950	14.3	4.4
15	0340	5.0	1.5	30	0250	4.8	1.5
	0955	12.1	3.7		0915	12.5	3.8
TH	1510	8.4	2.6	FR	1435	8.0	2.7
JE	2110	14.8	4.4	VE	2020	14.2	4.3
				31	0335	4.3	1.3
					1025	12.5	3.8
				SA	1525	10.1	3.1
				SA	2050	14.0	4.3

SEPTEMBER–SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0430	3.9	1.2	16	0515	4.9	1.5
	1200	12.5	3.8		1325	13.2	4.0
SU	1630	11.0	3.4	MO	1855	11.3	3.4
DI	2135	13.7	4.2	LU	2205	11.7	3.6
2	0530	3.6	1.1	17	0625	5.2	1.6
	1335	13.1	4.0		1420	13.3	4.1
MO	1755	11.5	3.5	TU	2010	10.9	3.3
LU	2230	13.4	4.1	MA	2335	11.4	3.5
3	0640	3.3	1.0	18	0730	5.3	1.6
	1440	13.6	4.1		1510	13.5	4.1
TU	1930	11.4	3.5	WE	2100	10.2	3.1
MA	2350	13.1	4.0	ME			
4	0750	3.1	.9	19	0120	11.5	3.5
	1530	14.1	4.3		0830	5.2	1.6
WE	2045	10.8	3.3	TH	1545	13.5	4.1
ME				JE	2135	9.5	2.9
5	0120	13.1	4.0	20	0230	11.9	3.6
	0850	2.8	.9		0920	5.2	1.6
TH	1610	14.4	4.4	FR	1615	13.6	4.1
JE	2140	9.8	3.0	VE	2205	8.7	2.7
6	0245	13.3	4.1	21	0325	12.3	3.7
	0945	2.9	.9		1000	5.3	1.6
FR	1645	14.6	4.5	SA	1640	13.6	4.1
VE	2230	8.8	2.6	SA	2240	7.9	2.4
7	0350	13.6	4.1	22	0415	12.8	3.9
	1035	3.3	1.0		1035	5.5	1.7
SA	1720	14.8	4.5	SU	1700	13.7	4.2
SA	2315	7.4	2.3	DI	2310	6.9	2.1
8	0455	13.8	4.2	23	0500	13.1	4.0
	1120	4.0	1.2		1110	6.1	1.9
SU	1750	14.9	4.5	MO	1720	13.8	4.2
DI				LU	2345	6.9	1.8
9	0000	8.2	1.9	24	0550	13.4	4.1
	0550	13.8	4.2		1145	6.6	2.1
MO	1205	5.0	1.5	TU	1740	14.0	4.3
LU	1820	14.9	4.5	MA			
10	0045	8.2	1.6	25	0020	4.8	1.5
	0645	13.7	4.2		0635	13.6	4.1
TU	1245	6.3	1.9	WE	1220	7.7	2.3
MA	1850	14.8	4.5	ME	1805	14.1	4.3
11	0125	6.4	1.3	26	0055	4.1	1.2
	0740	13.5	4.1		0725	13.7	4.2
WE	1325	7.6	2.3	TH	1300	8.2	2.6
ME	1915	14.5	4.4	JE	1830	14.1	4.3
12	0210	4.0	1.2	27	0135	3.4	1.0
	0840	13.3	4.1		0820	13.8	4.2
TH	1405	8.8	2.7	FR	1340	8.5	2.9
JE	1945	14.0	4.3	VE	1855	14.1	4.3
13	0250	3.9	1.2	28	0215	3.0	.9
	0940	13.1	4.0		0920	13.7	4.2
FR	1450	9.8	3.0	SA	1430	10.4	3.2
VE	2010	13.5	4.1	SA	1930	13.8	4.2
14	0335	4.1	1.2	29	0305	2.8	.9
	1055	13.0	4.0		1030	13.7	4.2
SA	1545	10.7	3.3	SU	1530	11.0	3.4
SA	2035	12.9	3.9	DI	2010	13.4	4.1
15	0420	4.5	1.4	30	0400	3.1	.9
	1215	13.0	4.0		1150	13.8	4.2
SU	1700	11.2	3.4	MO	1645	11.3	3.4
DI	2115	13.3	3.7	LU	2105	12.9	3.9

VANCOUVER HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0500	[illegible]	1.0	16	0510	[illegible]	1.7
	1300	[illegible]	4.3		1315	[illegible]	4.2
TU	1825	[illegible]	3.4	WE	1950	[illegible]	3.0
MA	2225	[illegible]	3.7	ME	2320	[illegible]	3.2
2	0610	[illegible]	1.2	17	0620	[illegible]	1.9
	1355	[illegible]	4.3		1355	[illegible]	4.2
WE	1945	[illegible]	3.1	TH	2030	[illegible]	2.8
ME				JE			
3	0015	[illegible]	3.7	18	0110	[illegible]	3.3
	0725	[illegible]	1.3		0725	[illegible]	2.0
TH	1440	[illegible]	4.4	FR	1430	[illegible]	4.1
JE	2040	[illegible]	2.7	VE	2100	[illegible]	2.5
4	0150	[illegible]	3.7	19	0225	[illegible]	3.4
	0825	[illegible]	1.4		0825	[illegible]	2.1
FR	1520	[illegible]	4.4	SA	1500	[illegible]	4.1
VE	2130	[illegible]	2.3	SA	2130	[illegible]	2.2
5	0305	[illegible]	3.9	20	0325	[illegible]	3.7
	0925	[illegible]	1.6		0915	[illegible]	2.3
SA	1555	[illegible]	4.4	SU	1525	[illegible]	4.1
SA	2215	[illegible]	1.9	DI	2200	[illegible]	1.8
6	0410	[illegible]	4.1	21	0415	[illegible]	3.9
	1015	[illegible]	1.8		1000	[illegible]	2.4
SU	1625	[illegible]	4.4	MO	1550	[illegible]	4.2
DI	2255	[illegible]	1.5	LU	2235	[illegible]	1.5
7	0505	[illegible]	4.2	22	0505	[illegible]	4.1
	1100	[illegible]	2.1		1040	[illegible]	2.6
MO	1655	[illegible]	4.4	TU	1610	[illegible]	4.2
LU	2335	[illegible]	1.2	MA	2310	[illegible]	1.1
8	0600	[illegible]	4.3	23	0555	[illegible]	4.3
	1145	[illegible]	2.4		1120	[illegible]	2.8
TU	1725	[illegible]	4.4	WE	1640	[illegible]	4.3
MA				ME	2345	[illegible]	.8
9	0015	[illegible]	1.0	24	0640	[illegible]	4.5
	0650	[illegible]	4.4		1205	[illegible]	3.0
WE	1225	[illegible]	2.7	TH	1705	[illegible]	4.3
ME	1750	[illegible]	4.3	JE			
10	0050	[illegible]	.9	25	0025	[illegible]	.6
	0745	[illegible]	4.4		0730	[illegible]	4.5
TH	1305	[illegible]	2.9	FR	1250	[illegible]	3.2
JE	1815	[illegible]	4.2	VE	1735	[illegible]	4.3
11	0130	[illegible]	.9	26	0105	[illegible]	.5
	0835	[illegible]	4.4		0825	[illegible]	4.6
FR	1350	[illegible]	3.1	SA	1335	[illegible]	3.4
VE	1840	[illegible]	4.1	SA	1810	[illegible]	4.2
12	0205	[illegible]	1.0	27	0150	[illegible]	.5
	0925	[illegible]	4.3		0920	[illegible]	4.6
SA	1440	[illegible]	3.3	SU	1435	[illegible]	3.4
SA	1905	[illegible]	3.9	DI	1855	[illegible]	4.1
13	0245	[illegible]	1.1	28	0240	[illegible]	.6
	1025	[illegible]	4.3		1020	[illegible]	4.6
SU	1540	[illegible]	3.4	MO	1545	[illegible]	3.4
DI	1935	[illegible]	3.7	LU	1950	[illegible]	3.9
14	0325	[illegible]	1.3	29	0335	[illegible]	.9
	1125	[illegible]	4.2		1120	[illegible]	4.6
MO	1705	[illegible]	3.4	TU	1710	[illegible]	3.3
LU	2015	[illegible]	3.5	MA	2105	[illegible]	3.6
15	0415	[illegible]	1.5	30	0430	[illegible]	1.2
	1220	[illegible]	4.2		1215	[illegible]	4.6
TU	1855	[illegible]	3.2	WE	1835	[illegible]	3.0
MA	2130	[illegible]	3.3	ME	2250	[illegible]	3.4
				31	0540	[illegible]	1.5
					1300	[illegible]	4.6
				TH	1935	[illegible]	2.5
				JE			

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0040	[illegible]	3.4	16	0050	[illegible]	3.1
	0650	[illegible]	1.8		0605	[illegible]	2.4
FR	1345	[illegible]	4.5	SA	1305	[illegible]	4.3
VE	2025	[illegible]	2.1	SA	2015	[illegible]	2.1
2	0210	[illegible]	3.6	17	0215	[illegible]	3.4
	0755	[illegible]	2.2		0720	[illegible]	2.7
SA	1420	[illegible]	4.5	SU	1335	[illegible]	4.2
SA	2110	[illegible]	1.6	DI	2050	[illegible]	1.7
3	0325	[illegible]	3.8	18	0325	[illegible]	3.7
	0855	[illegible]	2.4		0825	[illegible]	2.9
SU	1455	[illegible]	4.4	MO	1405	[illegible]	4.2
DI	2150	[illegible]	1.2	LU	2125	[illegible]	1.3
4	0430	[illegible]	4.1	19	0420	[illegible]	4.1
	0950	[illegible]	2.7		0920	[illegible]	3.1
MO	1530	[illegible]	4.4	TU	1435	[illegible]	4.3
LU	2230	[illegible]	.9	MA	2200	[illegible]	1.0
5	0525	[illegible]	4.3	20	0510	[illegible]	4.3
	1045	[illegible]	2.9		1015	[illegible]	3.3
TU	1600	[illegible]	4.3	WE	1505	[illegible]	4.3
MA	2310	[illegible]	.8	ME	2240	[illegible]	.6
6	0615	[illegible]	4.5	21	0600	[illegible]	4.6
	1130	[illegible]	3.1		1100	[illegible]	3.4
WE	1625	[illegible]	4.2	TH	1540	[illegible]	4.4
ME	2345	[illegible]	.7	JE	2320	[illegible]	.4
7	0700	[illegible]	4.6	22	0645	[illegible]	4.8
	1215	[illegible]	3.3		1150	[illegible]	3.5
TH	1655	[illegible]	4.1	FR	1620	[illegible]	4.4
JE				VE			
8	0020	[illegible]	.6	23	0005	[illegible]	.2
	0740	[illegible]	4.7		0735	[illegible]	4.8
FR	1255	[illegible]	3.4	SA	1240	[illegible]	3.5
VE	1720	[illegible]	4.1	SA	1700	[illegible]	4.4
9	0055	[illegible]	.7	24	0050	[illegible]	.2
	0825	[illegible]	4.6		0820	[illegible]	4.9
SA	1340	[illegible]	3.4	SU	1335	[illegible]	3.5
SA	1745	[illegible]	3.9	DI	1750	[illegible]	4.3
10	0130	[illegible]	.9	25	0135	[illegible]	.3
	0905	[illegible]	4.6		0910	[illegible]	4.9
SU	1430	[illegible]	3.4	MO	1435	[illegible]	3.4
DI	1815	[illegible]	3.8	LU	1850	[illegible]	4.0
11	0205	[illegible]	1.0	26	0220	[illegible]	.5
	0950	[illegible]	4.5		0955	[illegible]	4.9
MO	1535	[illegible]	3.4	TU	1545	[illegible]	3.2
LU	1855	[illegible]	3.6	MA	2000	[illegible]	3.7
12	0240	[illegible]	1.2	27	0310	[illegible]	.9
	1035	[illegible]	4.5		1040	[illegible]	4.9
TU	1655	[illegible]	3.3	WE	1705	[illegible]	2.9
MA	1945	[illegible]	3.4	ME	2125	[illegible]	3.4
13	0320	[illegible]	1.5	28	0400	[illegible]	1.4
	1115	[illegible]	4.5		1125	[illegible]	4.8
WE	1815	[illegible]	3.1	TH	1815	[illegible]	2.5
ME	2110	[illegible]	3.2	JE	2305	[illegible]	3.3
14	0405	[illegible]	1.8	29	0500	[illegible]	1.9
	1155	[illegible]	4.4		1205	[illegible]	4.8
TH	1910	[illegible]	2.8	FR	1910	[illegible]	2.0
JE	2300	[illegible]	3.1	VE			
15	0500	[illegible]	2.1	30	0050	[illegible]	3.4
	1235	[illegible]	4.3		0610	[illegible]	2.4
FR	1945	[illegible]	2.5	SA	1245	[illegible]	4.7
VE				SA	2000	[illegible]	1.6

DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0230	[illegible]	3.5	16	0205	[illegible]	3.4
	0720	[illegible]	2.9		0610	[illegible]	3.1
SU	1320	[illegible]	4.5	MO	1215	[illegible]	4.4
DI	2045	[illegible]	1.2	LU	2000	[illegible]	1.5
2	0350	[illegible]	4.0	17	0325	[illegible]	3.8
	0830	[illegible]	3.2		0735	[illegible]	3.4
MO	1400	[illegible]	4.4	TU	1250	[illegible]	4.4
LU	2125	[illegible]	.9	MA	2045	[illegible]	1.1
3	0450	[illegible]	4.3	18	0425	[illegible]	4.2
	0935	[illegible]	3.4		0845	[illegible]	3.6
TU	1435	[illegible]	4.3	WE	1330	[illegible]	4.4
MA	2205	[illegible]	.8	ME	2130	[illegible]	.7
4	0540	[illegible]	4.5	19	0515	[illegible]	4.5
	1030	[illegible]	3.5		0950	[illegible]	3.7
WE	1505	[illegible]	4.2	TH	1415	[illegible]	4.5
ME	2245	[illegible]	.6	JE	2215	[illegible]	.4
5	0620	[illegible]	4.7	20	0600	[illegible]	4.7
	1120	[illegible]	3.5		1045	[illegible]	3.7
TH	1540	[illegible]	4.1	FR	1505	[illegible]	4.5
JE	2320	[illegible]	.6	VE	2300	[illegible]	.2
6	0655	[illegible]	4.8	21	0640	[illegible]	4.9
	1205	[illegible]	3.6		1135	[illegible]	3.7
FR	1610	[illegible]	4.1	SA	1600	[illegible]	4.5
VE				SA	2350	[illegible]	.1
7	0000	[illegible]	.6	22	0720	[illegible]	5.0
	0730	[illegible]	4.8		1230	[illegible]	3.6
SA	1245	[illegible]	3.5	SU	1655	[illegible]	4.4
SA	1645	[illegible]	4.0	DI			
8	0030	[illegible]	.7	23	0035	[illegible]	.1
	0805	[illegible]	4.8		0800	[illegible]	5.1
SU	1330	[illegible]	3.5	MO	1325	[illegible]	3.4
DI	1720	[illegible]	3.9	LU	1800	[illegible]	4.3
9	0105	[illegible]	.9	24	0120	[illegible]	.3
	0840	[illegible]	4.8		0840	[illegible]	5.1
MO	1415	[illegible]	3.4	TU	1425	[illegible]	3.1
LU	1800	[illegible]	3.8	MA	1905	[illegible]	4.0
10	0135	[illegible]	1.0	25	0205	[illegible]	.7
	0915	[illegible]	4.7		0920	[illegible]	5.1
TU	1510	[illegible]	3.3	WE	1530	[illegible]	2.8
MA	1850	[illegible]	3.6	ME	2015	[illegible]	3.7
11	0210	[illegible]	1.2	26	0250	[illegible]	1.2
	0945	[illegible]	4.7		0955	[illegible]	5.0
WE	1605	[illegible]	3.1	TH	1630	[illegible]	2.4
ME	1950	[illegible]	3.4	JE	2135	[illegible]	3.5
12	0240	[illegible]	1.6	27	0335	[illegible]	1.8
	1015	[illegible]	4.6		1030	[illegible]	4.9
TH	1705	[illegible]	2.9	FR	1735	[illegible]	2.0
JE	2105	[illegible]	3.2	VE	2305	[illegible]	3.4
13	0315	[illegible]	1.9	28	0425	[illegible]	2.4
	1045	[illegible]	4.6		1110	[illegible]	4.8
FR	1755	[illegible]	2.6	SA	1830	[illegible]	1.6
VE	2235	[illegible]	3.1	SA			
14	0400	[illegible]	2.3	29	0055	[illegible]	3.4
	1110	[illegible]	4.5		0530	[illegible]	2.9
SA	1840	[illegible]	2.2	SU	1145	[illegible]	4.6
SA				DI	1925	[illegible]	1.3
15	0020	[illegible]	3.2	30	0245	[illegible]	3.7
	0455	[illegible]	2.7		0650	[illegible]	3.4
SU	1140	[illegible]	4.5	MO	1225	[illegible]	4.5
DI	1920	[illegible]	1.9	LU	2015	[illegible]	1.1
				31	0400	[illegible]	4.1
					0815	[illegible]	3.6
				TU	1305	[illegible]	4.3
				MA	2100	[illegible]	.9

1991

JANUARY–JANVIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0655	18.1	4.9	16	0705	15.0	4.6
	1200	11.8	3.6		1230	11.1	3.4
TU	1630	14.5	4.4	WE	1650	13.0	4.0
MA	2355	.8	.2	ME			
2	0730	16.2	4.9	17	0000	2.8	.9
	1250	11.1	3.4		0725	15.1	4.6
WE	1735	14.0	4.3	TH	1300	10.6	3.2
ME				JE	1740	12.8	3.9
3	0040	1.5	.5	18	0030	3.2	1.0
	0805	15.2	4.9		0750	15.2	4.6
TH	1350	10.3	3.1	FR	1340	9.8	3.0
JE	1835	13.4	4.1	VE	1825	12.6	3.8
4	0125	2.9	.9	19	0105	4.0	1.2
	0840	15.1	4.9		0810	15.3	4.7
FR	1445	9.4	2.9	SA	1415	9.1	2.8
VE	1940	12.0	3.8	SA	1915	12.3	3.7
5	0210	4.6	1.4	20	0135	4.9	1.5
	0915	15.0	4.9		0835	15.4	4.7
SA	1550	8.4	2.6	SU	1500	8.2	2.5
SA	2055	11.9	3.6	DI	2015	12.0	3.7
6	0255	6.4	2.0	21	0215	6.2	1.9
	0950	15.8	4.8		0900	15.4	4.7
SU	1650	7.5	2.3	MO	1545	7.3	2.2
DI	2220	11.4	3.5	LU	2120	11.7	3.6
7	0340	8.3	2.5	22	0250	7.7	2.3
	1025	15.4	4.7		0930	15.3	4.7
MO	1745	6.6	2.0	TU	1635	6.2	1.9
LU				MA	2245	11.6	3.5
8	0005	11.5	3.5	23	0340	9.3	2.8
	0435	10.0	3.0		1000	15.1	4.6
TU	1055	14.9	4.5	WE	1730	5.1	1.6
MA	1835	5.8	1.8	ME			
9	0205	12.2	3.7	24	0035	12.0	3.7
	0550	11.4	3.5		0440	10.8	3.3
WE	1130	14.4	4.4	TH	1035	15.0	4.6
ME	1925	6.0	1.5	JE	1830	4.0	1.2
10	0330	13.2	4.0	25	0230	12.8	3.9
	0720	12.3	3.7		0605	12.1	3.7
TH	1205	13.9	4.2	FR	1115	14.8	4.5
JE	2010	4.3	1.3	VE	1930	2.9	.9
11	0425	14.0	4.3	26	0345	13.8	4.2
	0845	12.6	3.8		0740	12.7	3.9
FR	1240	13.6	4.1	SA	1210	14.8	4.5
VE	2055	3.7	1.1	SA	2025	1.9	.6
12	0510	14.6	4.5	27	0435	14.7	4.5
	0955	12.6	3.8		0900	12.7	3.9
SA	1325	13.3	4.1	SU	1315	14.5	4.4
SA	2135	3.2	1.0	DI	2120	1.3	.4
13	0540	14.9	4.5	28	0515	15.3	4.7
	1045	12.4	3.8		1005	12.3	3.7
SU	1415	13.2	4.0	MO	1425	14.4	4.4
DI	2215	2.8	.9	LU	2210	1.0	.3
14	0610	15.0	4.6	29	0550	15.4	4.7
	1120	12.0	3.7		1055	11.8	3.5
MO	1510	13.1	4.0	TU	1535	14.3	4.4
LU	2250	2.6	.8	MA	2255	1.2	.4
15	0640	15.0	4.6	30	0620	15.7	4.8
	1155	11.8	3.5		1145	10.8	3.2
TU	1600	13.1	4.0	WE	1640	14.1	4.3
MA	2325	2.6	.8	ME	2340	1.8	.6
				31	0650	15.7	4.8
					1235	8.8	2.9
				TH	1740	13.8	4.2
				JE			

FEBRUARY–FEVRIER

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0025	3.0	.9	16	0005	4.2	1.3
	0720	15.5	4.8		0650	14.6	4.5
FR	1320	8.5	2.6	SA	1255	7.8	2.4
VE	1840	13.3	4.1	SA	1830	13.0	4.0
2	0105	4.5	1.4	17	0040	5.2	1.6
	0750	15.7	4.8		0715	14.8	4.5
SA	1410	7.6	2.3	SU	1335	6.8	2.1
SA	1940	12.8	3.9	DI	1920	12.9	3.9
3	0145	6.1	1.9	18	0115	6.3	1.9
	0820	15.6	4.7		0740	15.0	4.6
SU	1500	6.9	2.1	MO	1415	6.0	1.8
DI	2045	12.4	3.8	LU	2015	12.7	3.9
4	0225	7.7	2.3	19	0155	7.7	2.3
	0850	15.1	4.6		0805	14.9	4.5
MO	1550	6.3	1.9	TU	1500	5.2	1.6
LU	2205	12.1	3.7	MA	2125	12.6	3.8
5	0310	9.3	2.8	20	0235	9.2	2.8
	0920	14.7	4.5		0835	14.8	4.5
TU	1640	5.8	1.8	WE	1550	4.6	1.4
MA	2340	12.2	3.7	ME	2250	12.5	3.8
6	0405	10.8	3.3	21	0330	10.6	3.2
	0950	14.1	4.3		0910	14.8	4.5
WE	1735	5.4	1.6	TH	1650	3.9	1.2
ME				JE			
7	0135	12.8	3.8	22	0035	12.8	3.9
	0520	11.8	3.6		0440	11.7	3.6
TH	1020	13.6	4.1	FR	0950	14.3	4.4
JE	1830	5.1	1.6	VE	1755	3.4	1.0
8	0300	13.3	4.1	23	0220	13.5	4.1
	0705	12.4	3.8		0615	12.4	3.8
FR	1055	13.2	4.0	SA	1045	13.9	4.2
VE	1930	4.7	1.4	SA	1900	3.0	.9
9	0355	13.6	4.2	24	0320	14.2	4.3
	0845	12.4	3.8		0755	12.3	3.7
SA	1150	12.8	3.9	SU	1200	13.5	4.1
SA	2020	4.2	1.3	DI	2005	2.6	.8
10	0435	14.2	4.3	25	0405	14.6	4.5
	0945	12.1	3.7		0910	11.7	3.6
SU	1300	12.6	3.8	MO	1325	13.3	4.1
DI	2110	3.7	1.1	LU	2105	2.6	.8
11	0505	14.4	4.4	26	0435	14.8	4.5
	1020	11.8	3.5		1000	10.7	3.3
MO	1410	12.7	3.9	TU	1445	13.3	4.1
LU	2150	3.4	1.0	MA	2155	2.7	.8
12	0530	14.5	4.4	27	0505	15.1	4.6
	1050	11.6	3.4		1045	9.5	2.9
TU	1515	12.8	3.9	WE	1555	13.4	4.1
MA	2230	3.2	1.0	ME	2240	3.2	1.0
13	0555	14.5	4.4	28	0535	15.1	4.6
	1120	10.4	3.2		1130	8.4	2.6
WE	1605	12.8	3.9	TH	1655	13.5	4.1
ME	2300	3.3	1.0	JE	2325	4.1	1.2
14	0615	14.8	4.5				
	1150	9.5	2.9				
TH	1655	13.0	4.0				
JE	2335	3.6	1.1				
15	0630	14.7	4.5				
	1220	8.7	2.7				
FR	1740	13.1	4.0				
VE							

MARCH–MARS

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0600	15.1	4.6	16	0530	14.2	4.3
	1210	7.2	2.2		1145	6.2	1.9
FR	1750	13.6	4.1	SA	1740	13.4	4.1
VE				SA	2345	6.1	1.9
2	0005	5.2	1.6	17	0550	14.3	4.4
	0630	15.1	4.6		1220	5.1	1.6
SA	1250	6.2	1.9	SU	1830	13.6	4.1
SA	1845	13.5	4.1	DI			
3	0045	6.6	2.0	18	0020	7.1	2.2
	0655	14.8	4.5		0615	14.4	4.4
SU	1330	5.6	1.7	MO	1255	4.1	1.2
DI	1940	13.5	4.1	LU	1925	13.7	4.2
4	0125	7.8	2.4	19	0100	8.2	2.5
	0725	14.6	4.5		0645	14.4	4.4
MO	1410	5.1	1.6	TU	1335	3.4	1.0
LU	2040	13.2	4.0	MA	2025	13.7	4.2
5	0210	9.1	2.8	20	0145	9.4	2.9
	0750	14.1	4.3		0715	14.3	4.4
TU	1450	4.9	1.5	WE	1425	3.0	.9
MA	2150	13.0	4.0	ME	2135	13.8	4.1
6	0255	10.2	3.1	21	0235	10.5	3.2
	0815	13.5	4.1		0750	14.1	4.3
WE	1535	4.9	1.5	TH	1515	2.9	.9
ME	2310	12.9	3.9	JE	2255	13.8	4.1
7	0355	11.2	3.4	22	0340	11.3	3.4
	0840	13.1	4.0		0825	13.7	4.2
TH	1630	5.0	1.5	FR	1615	3.1	.9
JE				VE			
8	0040	13.0	4.0	23	0020	13.7	4.2
	0515	11.8	3.6		0505	11.9	3.6
FR	0910	12.6	3.8	SA	0920	13.2	4.0
VE	1730	5.1	1.6	SA	1720	3.4	1.0
9	0205	13.3	4.1	24	0135	14.0	4.3
	0710	11.9	3.6		0650	11.6	3.5
SA	0955	12.2	3.7	SU	1040	12.5	3.8
SA	1835	5.1	1.6	DI	1835	3.7	1.1
10	0300	13.6	4.1	25	0230	14.3	4.4
	0840	11.5	3.5		0815	10.8	3.3
SU	1120	11.8	3.6	MO	1220	12.1	3.7
DI	1935	4.9	1.5	LU	1940	4.1	1.2
11	0340	13.8	4.2	26	0310	14.8	4.5
	0920	11.0	3.4		0910	9.6	2.9
MO	1255	11.7	3.6	TU	1355	12.1	3.7
LU	2030	4.6	1.4	MA	2040	4.6	1.4
12	0405	13.9	4.2	27	0345	14.7	4.5
	0950	10.2	3.1		0950	8.3	2.5
TU	1415	12.0	3.7	WE	1510	12.4	3.8
MA	2115	4.4	1.3	ME	2135	5.1	1.6
13	0430	14.0	4.3	28	0410	14.7	4.5
	1015	9.4	2.9		1030	7.0	2.1
WE	1515	12.3	3.7	TH	1615	12.9	3.9
ME	2155	4.6	1.4	JE	2220	5.9	1.8
14	0450	14.0	4.3	29	0440	14.8	4.5
	1045	8.4	2.6		1105	5.8	1.8
TH	1605	12.7	3.9	FR	1710	13.3	4.1
JE	2230	4.7	1.4	VE	2305	6.8	2.1
15	0510	14.1	4.3	30	0505	14.6	4.4
	1110	7.3	2.2		1140	4.9	1.5
FR	1655	13.1	4.0	SA	1800	13.7	4.2
VE	2305	5.3	1.6	SA	2345	7.7	2.3
				31	0535	14.3	4.3
					1215	4.1	1.2
				SU	1850	13.8	4.2
				DI			

POINT ATKINSON HNP Z+8

1991

APRIL–AVRIL

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0030		2.6	16	0005		2.8
	0600		4.2		0525		4.3
MO	1250		1.1	TU	1225		.5
LU	1940		4.3	MA	1935		4.5
2	0110		2.9	17	0055		3.1
	0625		4.1		0555		4.3
TU	1325		1.1	WE	1310		.4
MA	2035		4.3	ME	2035		4.5
3	0200		3.1	18	0145		3.3
	0650		4.0		0635		4.2
WE	1405		1.1	TH	1400		.5
ME	2130		4.2	JE	2135		4.5
4	0250		3.3	19	0245		3.4
	0715		3.8		0715		4.1
TH	1445		1.2	FR	1450		.6
JE	2235		4.2	VE	2240		4.5
5	0355		3.4	20	0400		3.4
	0740		3.7		0810		3.9
FR	1530		1.4	SA	1545		.9
VE	2345		4.1	SA	2345		4.5
6	0525		3.5	21	0530		3.3
	0815		3.6		0920		3.6
SA	1625		1.5	SU	1650		1.2
SA				DI			
7	0050		4.1	22	0045		4.5
	0715		3.4		0705		3.0
SU	0920		3.4	MO	1105		3.4
DI	1725		1.6	LU	1800		1.6
8	0145		4.1	23	0130		4.5
	0810		3.2		0805		2.7
MO	1110		3.3	TU	1255		3.4
LU	1835		1.7	MA	1910		1.9
9	0220		4.2	24	0210		4.5
	0845		2.9		0850		2.2
TU	1255		3.3	WE	1425		3.5
MA	1935		1.8	ME	2015		2.1
10	0250		4.2	25	0245		4.5
	0910		2.6		0930		1.8
WE	1410		3.4	TH	1540		3.7
ME	2025		1.8	JE	2110		2.4
11	0315		4.2	26	0315		4.4
	0935		2.3		1005		1.4
TH	1510		3.7	FR	1635		4.0
JE	2115		1.9	VE	2200		2.6
12	0335		4.2	27	0345		4.3
	1005		1.9		1040		1.2
FR	1605		3.9	SA	1725		4.2
VE	2155		2.1	SA	2250		2.8
13	0400		4.2	28	0410		4.2
	1035		1.5		1110		.9
SA	1655		4.1	SU	1815		4.3
SA	2240		2.3	DI	2335		3.0
14	0425		4.2	29	0435		4.1
	1110		1.1		1140		.8
SU	1745		4.3	MO	1900		4.5
DI	2320		2.6	LU			
15	0450		4.3	30	0020		3.2
	1145		.7		0505		4.0
MO	1840		4.4	TU	1215		.8
LU				MA	1945		4.5

MAY–MAI

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0105		3.3	16	0050		3.4
	0530		3.9		0520		4.3
WE	1250		.8	TH	1250		.1
ME	2025		4.5	JE	2030		4.7
2	0155		3.4	17	0145		3.4
	0600		3.8		0610		4.1
TH	1325		.9	FR	1340		.3
JE	2115		4.4	VE	2120		4.7
3	0250		3.4	18	0250		3.4
	0630		3.7		0705		3.9
FR	1405		1.1	SA	1430		.6
VE	2200		4.4	SA	2210		4.7
4	0355		3.4	19	0405		3.2
	0705		3.5		0815		3.7
SA	1445		1.2	SU	1520		1.0
SA	2250		4.3	DI	2300		4.6
5	0515		3.3	20	0530		2.9
	0755		3.4		0940		3.4
SU	1530		1.5	MO	1615		1.6
DI	2340		4.3	LU	2345		4.6
6	0625		3.1	21	0640		2.5
	0920		3.2		1130		3.2
MO	1625		1.7	TU	1720		2.0
LU				MA			
7	0020		4.3	22	0030		4.6
	0715		2.8		0735		2.1
TU	1100		3.1	WE	1320		3.3
MA	1720		1.9	ME	1830		2.5
8	0055		4.2	23	0110		4.5
	0750		2.5		0825		1.7
WE	1240		3.2	TH	1455		3.6
ME	1825		2.2	JE	1945		2.9
9	0125		4.2	24	0145		4.5
	0820		2.2		0900		1.3
TH	1405		3.4	FR	1605		3.9
JE	1930		2.4	VE	2050		3.1
10	0155		4.2	25	0215		4.3
	0850		1.7		0935		1.0
FR	1510		3.7	SA	1700		4.1
VE	2030		2.6	SA	2145		3.3
11	0220		4.2	26	0245		4.2
	0925		1.3		1010		.8
SA	1605		4.0	SU	1745		4.4
SA	2125		2.8	DI	2240		3.4
12	0250		4.3	27	0315		4.1
	1000		.8		1045		.7
SU	1700		4.3	MO	1825		4.5
DI	2215		3.0	LU	2330		3.4
13	0325		4.3	28	0345		4.0
	1040		.4		1115		.6
MO	1755		4.5	TU	1900		4.6
LU	2305		3.2	MA			
14	0400		4.3	29	0015		3.5
	1120		.2		0420		3.9
TU	1845		4.6	WE	1150		.6
MA	2355		3.3	ME	1940		4.6
15	0440		4.3	30	0100		3.4
	1205		.0		0450		3.8
WE	1940		4.7	TH	1225		.7
ME				JE	2015		4.6
				31	0150		3.4
					0530		3.7
				FR	1300		.8
				VE	2050		4.5

JUNE–JUIN

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0235		3.3	16	0235		3.1
	0615		3.6		0715		3.9
SA	1335		1.0	SU	1410		.8
SA	2125		4.5	DI	2130		4.8
2	0330		3.2	17	0345		2.8
	0705		3.5		0825		3.6
SU	1415		1.2	MO	1455		1.3
DI	2200		4.5	LU	2210		4.8
3	0425		3.1	18	0455		2.5
	0800		3.3		0950		3.4
MO	1450		1.5	TU	1545		2.0
LU	2230		4.5	MA	2250		4.7
4	0520		2.9	19	0600		2.1
	0915		3.2		1135		3.3
TU	1535		1.8	WE	1640		2.5
MA	2305		4.4	ME	2330		4.6
5	0605		2.6	20	0655		1.7
	1045		3.1		1335		3.4
WE	1620		2.1	TH	1750		3.0
ME	2335		4.4	JE			
6	0650		2.2	21	0005		4.5
	1220		3.2		0745		1.4
TH	1720		2.5	FR	1510		3.7
JE				VE	1915		3.4
7	0005		4.4	22	0040		4.4
	0725		1.6		0830		1.2
FR	1350		3.4	SA	1620		4.1
VE	1835		2.9	SA	2030		3.6
8	0040		4.3	23	0120		4.2
	0805		1.3		0910		1.0
SA	1510		3.8	SU	1705		4.3
SA	1945		3.2	DI	2140		3.7
9	0115		4.3	24	0155		4.1
	0850		.9		0945		.8
SU	1615		4.1	MO	1745		4.5
DI	2055		3.4	LU	2235		3.7
10	0150		4.4	25	0230		4.0
	0930		.4		1020		.7
MO	1710		4.4	TU	1820		4.5
LU	2155		3.5	MA	2325		3.6
11	0235		4.4	26	0310		3.9
	1015		.1		1100		.6
TU	1800		4.6	WE	1850		4.6
MA	2250		3.6	ME			
12	0320		4.4	27	0005		3.5
	1100		-0.1		0355		3.9
WE	1845		4.8	TH	1135		.6
ME	2345		3.6	JE	1920		4.6
13	0415		4.4	28	0045		3.4
	1150		-0.1		0445		3.8
TH	1930		4.8	FR	1210		.7
JE				VE	1950		4.5
14	0040		3.5	29	0120		3.3
	0510		4.3		0530		3.7
FR	1235		.1	SA	1240		.9
VE	2010		4.8	SA	2015		4.5
15	0135		3.3	30	0200		3.2
	0610		4.1		0615		3.7
SA	1320		.4	SU	1315		1.0
SA	2050		4.8	DI	2040		4.5

1991

JULY–JUILLET

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0245	9.8	3.0	16	0310	7.7	2.3
	0705	11.6	3.5		0830	12.1	3.7
MO	1345	4.2	1.3	TU	1430	5.8	1.8
LU	2105	14.9	4.5	MA	2120	15.6	4.8
2	0325	9.1	2.8	17	0410	6.7	2.0
	0800	11.2	3.4		0950	11.5	3.5
TU	1420	5.2	1.6	WE	1515	7.7	2.3
MA	2130	14.9	4.5	ME	2155	15.3	4.7
3	0410	8.3	2.5	18	0510	6.0	1.8
	0905	10.9	3.3		1130	11.4	3.5
WE	1455	6.4	2.0	TH	1610	9.6	2.9
ME	2200	14.8	4.5	JE	2230	14.8	4.5
4	0500	7.4	2.3	19	0605	5.2	1.6
	1025	10.7	3.3		1325	11.9	3.6
TH	1540	7.9	2.4	FR	1720	10.9	3.3
JE	2225	14.7	4.5	VE	2305	14.3	4.4
5	0545	6.2	1.9	20	0700	4.6	1.4
	1200	10.9	3.3		1505	12.8	3.9
FR	1635	9.3	2.8	SA	1850	11.9	3.6
VE	2300	14.8	4.4	SA	2340	13.7	4.2
6	0635	4.9	1.5	21	0750	4.1	1.2
	1345	11.7	3.6		1605	13.8	4.1
SA	1745	10.7	3.3	SU	2025	12.3	3.7
SA	2335	14.4	4.4	DI			
7	0730	3.6	1.1	22	0025	10.3	4.1
	1520	12.8	3.9		0840	3.8	1.1
SU	1915	11.7	3.6	MO	1650	14.2	4.3
DI				LU	2140	12.2	3.7
8	0015	14.4	4.4	23	0115	13.0	4.0
	0820	2.2	.7		0920	3.1	.9
MO	1620	13.9	4.2	TU	1725	14.5	4.4
LU	2035	12.2	3.7	MA	2230	11.9	3.6
9	0105	14.4	4.4	24	0210	12.8	3.9
	0910	1.1	.3		1005	2.6	.9
TU	1710	14.7	4.5	WE	1755	14.6	4.5
MA	2140	12.3	3.7	ME	2310	11.6	3.5
10	0205	14.4	4.4	25	0305	12.7	3.9
	1000	.3	.1		1040	2.9	.8
WE	1750	15.2	4.6	TH	1820	14.8	4.5
ME	2240	12.0	3.7	JE	2340	11.0	3.4
11	0305	14.4	4.4	26	0400	12.7	3.9
	1050	-0.1	.0		1115	2.6	.8
TH	1830	15.8	4.8	FR	1845	14.8	4.5
JE	2330	11.4	3.5	VE			
12	0410	14.3	4.4	27	0015	10.4	3.2
	1135	.2	.1		0445	12.7	3.9
FR	1900	15.7	4.8	SA	1150	2.9	.9
VE				SA	1905	14.8	4.5
13	0025	10.8	3.2	28	0045	9.8	3.0
	0515	14.0	4.3		0535	12.8	3.8
SA	1220	1.0	.3	SU	1220	3.4	1.0
SA	1935	15.8	4.8	DI	1925	14.7	4.5
14	0115	9.7	3.0	29	0120	8.1	2.8
	0615	13.4	4.1		0620	12.4	3.8
SU	1305	2.3	.7	MO	1250	4.1	1.2
DI	2010	15.8	4.8	LU	1950	14.8	4.5
15	0210	8.7	2.7	30	0155	8.4	2.6
	0720	12.8	3.9		0705	12.1	3.7
MO	1345	4.0	1.2	TU	1320	5.0	1.5
LU	2045	15.8	4.8	MA	2010	14.8	4.5
				31	0230	7.6	2.3
					0800	11.8	3.6
				WE	1355	6.2	1.9
				ME	2035	14.9	4.5

AUGUST–AOUT

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0315	6.8	2.1	16	0410	5.1	1.6
	0900	11.3	3.5		1110	12.3	3.7
TH	1430	7.5	2.3	FR	1550	10.4	3.2
JE	2100	14.7	4.5	VE	2130	14.0	4.3
2	0400	6.0	1.8	17	0505	5.0	1.5
	1015	11.3	3.5		1255	12.5	3.8
FR	1515	9.0	2.7	SA	1700	11.4	3.5
VE	2130	14.6	4.5	SA	2200	13.4	4.1
3	0455	5.1	1.6	18	0605	4.8	1.5
	1150	11.7	3.6		1425	13.1	4.0
SA	1610	10.4	3.2	SU	1845	12.0	3.7
SA	2200	14.4	4.4	DI	2245	12.9	3.9
4	0550	4.1	1.2	19	0705	4.5	1.4
	1345	12.4	3.8		1530	13.5	4.1
SU	1725	11.4	3.5	MO	2030	12.0	3.7
DI	2245	14.2	4.3	LU	2340	12.4	3.8
5	0655	3.1	.9	20	0805	4.3	1.3
	1515	13.3	4.1		1610	14.0	4.3
MO	1900	12.3	3.7	TU	2130	11.8	3.5
LU	2340	14.1	4.3	MA			
6	0755	2.3	.7	21	0100	12.2	3.7
	1610	14.1	4.3		0855	3.9	1.2
TU	2030	12.3	3.7	WE	1645	14.1	4.3
MA				ME	2210	11.1	3.4
7	0045	14.0	4.3	22	0210	12.3	3.7
	0850	1.5	.5		0940	3.7	1.1
WE	1645	14.7	4.5	TH	1710	14.2	4.3
ME	2135	11.8	3.6	JE	2240	10.4	3.2
8	0200	13.8	4.2	23	0310	12.4	3.8
	0945	1.1	.3		1015	3.8	1.1
TH	1720	15.1	4.6	FR	1730	14.2	4.3
JE	2230	11.0	3.4	VE	2310	9.7	3.0
9	0315	13.8	4.2	24	0405	12.6	3.8
	1030	1.2	.4		1050	3.8	1.2
FR	1750	15.3	4.7	SA	1750	14.2	4.3
VE	2320	10.0	3.0	SA	2335	8.9	2.7
10	0420	13.8	4.2	25	0450	12.8	3.9
	1120	1.8	.5		1120	4.2	1.3
SA	1820	15.4	4.7	SU	1810	14.2	4.3
SA				DI			
11	0005	8.8	2.7	26	0005	8.0	2.4
	0525	13.8	4.2		0535	12.8	3.9
SU	1200	2.9	.9	MO	1155	4.9	1.5
DI	1850	15.5	4.7	LU	1830	14.3	4.4
12	0055	7.7	2.3	27	0035	7.1	2.2
	0620	13.4	4.1		0620	12.8	3.9
MO	1245	4.2	1.3	TU	1225	5.5	1.7
LU	1920	15.3	4.7	MA	1850	14.4	4.4
13	0140	6.7	2.0	28	0110	6.3	1.9
	0725	13.1	4.0		0705	12.8	3.9
TU	1325	5.8	1.8	WE	1300	6.6	2.0
MA	1950	15.3	4.7	ME	1915	14.4	4.4
14	0230	5.8	1.8	29	0145	5.6	1.7
	0825	12.7	3.9		0800	12.9	3.9
WE	1410	7.4	2.3	TH	1335	7.8	2.4
ME	2025	15.0	4.6	JE	1940	14.4	4.4
15	0320	5.1	1.6	30	0230	4.9	1.5
	0940	12.4	3.8		0900	12.8	3.9
TH	1455	8.8	2.7	FR	1415	8.6	2.7
JE	2055	14.8	4.5	VE	2005	14.2	4.4
				31	0315	4.2	1.3
					1015	12.4	3.8
				SA	1505	10.1	3.1
				SA	2035	14.1	4.3

SEPTEMBER–SEPTEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0410	3.9	1.2	16	0500	5.0	1.5
	1145	12.7	3.9		1330	13.4	4.1
SU	1610	11.2	3.4	MO	1855	11.4	3.5
DI	2115	13.8	4.2	LU	2150	11.8	3.6
2	0515	3.6	1.1	17	0610	5.2	1.6
	1325	13.2	4.0		1430	13.3	4.1
MO	1740	11.3	3.6	TU	2025	11.1	3.4
LU	2210	13.6	4.1	MA	2320	11.3	3.5
3	0620	3.3	1.0	18	0715	5.2	1.6
	1440	13.8	4.2		1510	13.8	4.2
TU	1920	11.9	3.6	WE	2110	10.8	3.2
MA	2325	13.1	4.0	ME			
4	0730	2.9	.9	19	0100	11.4	3.5
	1525	14.3	4.4		0810	5.2	1.6
WE	2040	11.3	3.4	TH	1540	13.8	4.2
ME				JE	2135	9.7	3.0
5	0055	12.8	3.9	20	0215	11.7	3.6
	0830	2.8	.9		0900	5.2	1.6
TH	1600	14.8	4.5	FR	1605	13.8	4.2
JE	2135	10.3	3.1	VE	2205	8.8	2.7
6	0220	13.0	4.0	21	0315	12.1	3.7
	0925	3.0	.9		0940	5.3	1.6
FR	1635	14.8	4.5	SA	1625	13.8	4.2
VE	2220	8.0	2.7	SA	2230	7.9	2.4
7	0335	13.2	4.0	22	0405	12.6	3.8
	1015	3.8	1.1		1015	5.6	1.7
SA	1700	15.0	4.6	SU	1645	13.9	4.2
SA	2300	7.7	2.3	DI	2255	6.8	2.1
8	0435	13.6	4.1	23	0450	13.0	4.0
	1100	4.3	1.3		1050	6.2	1.9
SU	1730	15.0	4.6	MO	1705	13.9	4.2
DI	2345	6.6	2.0	LU	2325	5.7	1.7
9	0535	13.7	4.2	24	0535	13.3	4.1
	1140	5.4	1.6		1130	6.8	2.1
MO	1800	15.0	4.6	TU	1725	14.0	4.3
LU				MA			
10	0025	5.4	1.6	25	0000	4.8	1.5
	0630	13.7	4.2		0620	13.4	4.1
TU	1225	6.8	2.0	WE	1205	7.7	2.3
MA	1830	14.9	4.5	ME	1750	14.0	4.3
11	0105	4.7	1.4	26	0035	3.8	1.2
	0725	13.7	4.2		0710	13.8	4.2
WE	1310	7.9	2.4	TH	1245	8.8	2.6
ME	1900	14.8	4.5	JE	1820	14.1	4.3
12	0145	4.0	1.3	27	0110	3.3	1.0
	0825	13.8	4.1		0805	13.5	4.2
TH	1355	9.1	2.8	FR	1325	9.5	2.9
JE	1930	14.1	4.3	VE	1845	14.0	4.3
13	0230	3.9	1.3	28	0155	3.0	.9
	0930	13.4	4.1		0905	13.8	4.2
FR	1445	10.2	3.1	SA	1415	10.5	3.2
VE	2000	13.8	4.1	SA	1920	13.8	4.2
14	0315	3.9	1.3	29	0245	3.0	.9
	1045	13.4	4.1		1015	13.8	4.2
SA	1545	11.1	3.4	SU	1515	11.1	3.4
SA	2025	13.2	4.0	DI	2000	13.4	4.1
15	0405	4.7	1.4	30	0340	3.0	.9
	1205	13.1	4.1		1130	13.8	4.2
SU	1705	11.4	3.5	MO	1630	11.4	3.5
DI	2100	12.9	3.8	LU	2045	13.1	4.0

POINT ATKINSON HNP Z+8

1991

OCTOBER–OCTOBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0440	3.4	1.0	16	0500	5.7	1.7
	1245	14.1	4.3		1310	13.8	4.2
TU	1810	11.4	3.5	WE	1950	10.2	3.1
MA	2200	12.4	3.8	ME	2310	10.7	3.3
2	0550	3.8	1.2	17	0605	6.2	1.9
	1345	14.4	4.4		1350	13.8	4.2
WE	1935	10.8	3.2	TH	2025	9.3	2.8
ME	2345	11.9	3.6	JE			
3	0700	4.4	1.3	18	0050	10.8	3.3
	1430	14.8	4.5		0710	6.6	2.0
TH	2035	9.4	2.9	FR	1425	13.8	4.2
JE				VE	2055	8.3	2.5
4	0125	11.9	3.6	19	0210	11.3	3.4
	0805	5.0	1.5		0805	7.0	2.1
FR	1505	14.7	4.5	SA	1445	13.8	4.2
VE	2125	8.0	2.4	SA	2120	7.2	2.2
5	0250	12.3	3.7	20	0310	12.0	3.7
	0900	5.5	1.7		0855	7.4	2.3
SA	1535	14.8	4.5	SU	1510	13.8	4.2
SA	2205	6.6	2.0	DI	2150	6.0	1.8
6	0355	12.8	3.9	21	0400	12.7	3.9
	0955	8.4	2.0		0940	8.0	2.4
SU	1605	14.8	4.5	MO	1535	13.8	4.2
DI	2240	5.3	1.6	LU	2220	4.8	1.5
7	0450	13.5	4.1	22	0450	13.4	4.1
	1040	7.3	2.2		1025	8.6	2.6
MO	1635	14.7	4.5	TU	1600	13.8	4.2
LU	2315	4.2	1.3	MA	2250	3.6	1.1
8	0545	14.0	4.3	23	0535	14.1	4.3
	1125	8.2	2.5		1105	9.2	2.8
TU	1705	14.5	4.4	WE	1625	13.8	4.2
MA	2355	3.5	1.1	ME	2325	2.6	.8
9	0635	14.4	4.4	24	0625	14.8	4.5
	1210	9.1	2.8		1150	9.8	3.0
WE	1735	14.2	4.3	TH	1655	14.0	4.3
ME				JE			
10	0030	3.1	.9	25	0005	1.9	.6
	0730	14.8	4.4		0715	14.9	4.5
TH	1255	9.8	3.0	FR	1235	10.4	3.2
JE	1805	13.8	4.2	VE	1730	14.0	4.3
11	0105	3.1	.9	26	0045	1.6	.5
	0820	14.8	4.5		0810	15.1	4.6
FR	1345	10.4	3.2	SA	1325	10.8	3.3
VE	1835	13.3	4.1	SA	1805	13.8	4.2
12	0145	3.3	1.0	27	0130	1.6	.5
	0915	14.8	4.4		0905	15.1	4.6
SA	1440	10.8	3.3	SU	1420	11.2	3.4
SA	1905	12.9	3.9	DI	1850	13.5	4.1
13	0225	3.8	1.2	28	0220	2.0	.6
	1015	14.2	4.3		1005	15.0	4.6
SU	1545	11.3	3.4	MO	1530	11.3	3.4
DI	1935	12.3	3.7	LU	1940	12.9	3.9
14	0310	4.4	1.3	29	0310	2.8	.9
	1115	14.0	4.3		1100	15.2	4.6
MO	1710	11.3	3.4	TU	1650	11.0	3.4
LU	2015	11.8	3.5	MA	2050	12.1	3.7
15	0405	5.1	1.6	30	0410	3.9	1.2
	1220	13.9	4.2		1200	15.0	4.6
TU	1850	10.8	3.3	WE	1820	10.1	3.1
MA	2125	11.3	3.4	ME	2225	11.4	3.5
				31	0515	5.2	1.6
					1245	15.0	4.6
				TH	1930	8.9	2.7
				JE			

NOVEMBER–NOVEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0015	11.1	3.4	16	0030	10.6	3.2
	0625	6.4	2.0		0555	7.8	2.4
FR	1330	15.0	4.6	SA	1255	14.2	4.3
VE	2020	7.3	2.2	SA	2005	7.2	2.2
2	0155	11.6	3.5	17	0155	11.2	3.4
	0735	7.6	2.3		0705	8.8	2.7
SA	1405	15.0	4.6	SU	1325	14.1	4.3
SA	2100	5.9	1.8	DI	2035	5.9	1.8
3	0315	12.4	3.8	18	0305	12.1	3.7
	0835	8.5	2.6		0805	9.6	2.9
SU	1440	14.8	4.5	MO	1355	14.1	4.3
DI	2140	4.6	1.4	LU	2105	4.5	1.4
4	0420	13.3	4.1	19	0400	13.1	4.0
	0935	9.3	2.8		0905	10.2	3.1
MO	1510	14.7	4.5	TU	1425	14.1	4.3
LU	2215	3.6	1.1	MA	2140	3.2	1.0
5	0515	14.1	4.3	20	0455	14.1	4.3
	1025	10.0	3.0		0955	10.7	3.3
TU	1545	14.4	4.4	WE	1455	14.1	4.3
MA	2250	2.9	.9	ME	2220	2.0	.6
6	0600	14.7	4.5	21	0545	14.8	4.5
	1115	10.5	3.2		1045	11.1	3.4
WE	1615	14.0	4.3	TH	1535	14.2	4.3
ME	2325	2.4	.7	JE	2300	1.1	.3
7	0645	15.1	4.6	22	0630	15.4	4.7
	1205	10.9	3.3		1135	11	3.5
TH	1645	13.8	4.1	FR	1615	14.3	4.4
JE				VE	2340	.8	.2
8	0000	2.3	.7	23	0720	15.7	4.8
	0730	15.2	4.6		1225	11.5	3.5
FR	1255	11.1	3.4	SA	1700	14.2	4.3
VE	1715	13.2	4.0	SA			
9	0035	2.8	.8	24	0025	.5	.2
	0815	15.2	4.6		0805	15.9	4.8
SA	1345	11.2	3.4	SU	1320	11.5	3.5
SA	1750	12.8	3.9	DI	1745	13.9	4.2
10	0110	2.9	.9	25	0115	1.0	.3
	0855	15.1	4.6		0850	15.9	4.8
SU	1440	11.2	3.4	MO	1420	11.2	3.4
DI	1825	12.3	3.7	LU	1845	13.4	4.1
11	0150	3.5	1.1	26	0200	1.9	.6
	0940	14.8	4.5		0935	15.9	4.8
MO	1540	11.1	3.4	TU	1525	10.6	3.2
LU	1905	11.8	3.6	MA	1950	12.6	3.8
12	0230	4.3	1.3	27	0250	3.3	1.0
	1025	14.7	4.5		1020	15.8	4.8
TU	1650	10.8	3.3	WE	1640	9.8	3.0
MA	2000	11.3	3.4	ME	2110	11.7	3.6
13	0315	5.1	1.6	28	0340	5.0	1.5
	1110	14.5	4.4		1105	15.7	4.8
WE	1800	10.2	3.1	TH	1755	8.4	2.6
ME	2115	10.7	3.3	JE	2245	11.1	3.4
14	0400	6.1	1.9	29	0440	6.8	2.1
	1150	14.4	4.4		1150	15.8	4.8
TH	1850	9.4	2.9	FR	1900	7.3	2.2
JE	2250	10.4	3.2	VE			
15	0455	7.0	2.1	30	0040	11.2	3.4
	1225	14.5	4.4		0545	8.6	2.6
FR	1930	8.4	2.6	SA	1230	14.4	4.7
VE				SA	1950	5.4	1.8

DECEMBER–DECEMBRE

Day	Time	Ht./ft.	Ht./m	Jour	Heure	H./pi	H./m
1	0225	11.8	3.6	16	0140	11.4	3.5
	0705	9.8	3.0		0600	10.1	3.1
SU	1310	15.2	4.6	MO	1210	14.5	4.4
DI	2035	4.6	1.4	LU	1945	5.0	1.5
2	0345	13.0	4.0	17	0300	12.5	3.8
	0815	10.8	3.3		0715	11.1	3.4
MO	1345	14.8	4.5	TU	1245	14.4	4.4
LU	2115	3.6	1.1	MA	2025	3.7	1.1
3	0445	14.0	4.3	18	0405	13.8	4.1
	0920	11.4	3.5		0830	11.7	3.6
TU	1420	14.5	4.4	WE	1320	14.4	4.4
MA	2150	2.9	.9	ME	2110	2.9	.7
4	0530	14.7	4.5	19	0500	14.5	4.4
	1020	11.7	3.6		0935	12.1	3.7
WE	1455	14.1	4.3	TH	1405	14.8	4.4
ME	2225	2.4	.7	JE	2155	1.2	.4
5	0610	15.2	4.6	20	0545	15.3	4.7
	1110	11.8	3.6		1030	12.2	3.7
TH	1530	13.7	4.2	FR	1455	14.8	4.5
JE	2300	2.2	.7	VE	2240	.8	.2
6	0650	15.4	4.7	21	0625	15.7	4.8
	1200	11.8	3.6		1120	12.0	3.7
FR	1605	13.4	4.1	SA	1550	14.8	4.5
VE	2340	2.3	.7	SA	2325	.3	.1
7	0725	15.5	4.7	22	0705	16.0	4.9
	1245	11.7	3.6		1215	11.7	3.6
SA	1645	13.1	4.0	SU	1645	14.4	4.4
SA				DI			
8	0015	2.6	.8	23	0010	.6	.2
	0800	15.4	4.7		0745	16.1	4.9
SU	1330	11.4	3.5	MO	1305	11.1	3.4
DI	1725	12.7	3.9	LU	1750	14.0	4.3
9	0050	2.9	.9	24	0100	1.3	.4
	0830	15.3	4.7		0820	16.2	4.9
MO	1420	11.1	3.4	TU	1405	10.3	3.1
LU	1810	12.3	3.7	MA	1850	13.4	4.1
10	0125	3.6	1.1	25	0145	2.9	.8
	0905	15.2	4.6		0900	16.2	4.9
TU	1510	10.7	3.3	WE	1505	9.4	2.9
MA	1900	11.9	3.6	ME	2000	12.9	3.8
11	0200	4.4	1.3	26	0230	4.6	1.3
	0935	15.1	4.6		0935	16.2	4.9
WE	1600	10.2	3.1	TH	1610	8.3	2.5
ME	2000	11.4	3.5	JE	2120	11.8	3.6
12	0235	5.3	1.6	27	0315	6.3	1.9
	1010	15.0	4.6		1015	16.0	4.9
TH	1650	9.5	2.9	FR	1715	7.1	2.2
JE	2105	10.9	3.3	VE	2255	11.4	3.5
13	0315	6.4	2.0	28	0410	8.2	2.5
	1035	14.9	4.5		1055	15.8	4.8
FR	1740	8.8	2.6	SA	1820	6.0	1.8
VE	2225	10.6	3.2	SA			
14	0355	7.7	2.3	29	0050	11.7	3.6
	1105	14.9	4.5		0515	10.1	3.1
SA	1825	7.5	2.3	SU	1130	15.4	4.7
SA				DI	1910	5.0	1.5
15	0000	10.8	3.3	30	0240	12.5	3.8
	0450	8.9	2.7		0635	11.4	3.5
SU	1135	14.8	4.5	MO	1210	14.8	4.5
DI	1905	6.4	2.0	LU	2000	4.2	1.3
				31	0355	13.6	4.1
					0800	12.2	3.7
				TU	1255	14.4	4.4
				MA	2045	3.6	1.1

JUAN DE FUCA–WEST PST Z+8

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0210	+1.6	16		0225	+1.1
	0525	0840	−1.5		0525	0855	−1.3
TU		1355	+0.2	WE		1410	+0.0
MA		2005	−2.3	ME		2005	−1.8
	2355						
2		0255	+1.6	17	0005	0255	+1.1
	0605	0925	−1.6		0550	0920	−1.3
WE		1450	+0.2	TH		1445	+0.0
ME		2050	−2.2	JE		2040	−1.8
3	0045	0340	+1.5	18	0040	0325	+1.0
	0645	1010	−1.7		0615	0950	−1.4
TH	1425	1545	+0.3	FR		1525	+0.1
JE	1710	2145	−2.0	VE		2115	−1.7
4	0130	0425	+1.3	19	0115	0355	+0.9
	0720	1055	−1.7		0640	1025	−1.5
FR	1520	1645	+0.3	SA		1610	+0.2
VE	1810	2235	−1.7	SA		2155	−1.5
5	0220	0505	+1.1	20	0150	0425	+0.8
	0750	1145	−1.7		0700	1055	−1.6
SA	1615	1745	+0.3	SU		1655	+0.2
SA	1915	2330	−1.4	DI		2240	−1.4
6	0315	0550	+0.8	21	0235	0500	+0.7
	0825	1230	−1.7		0725	1135	−1.6
SU	1715	1845	+0.3	MO	1615	1750	+0.3
DI	2025			LU	1930	2335	−1.1
7		0030	−1.1	22	0325	0535	+0.5
	0415	0635	+0.6		0745	1220	−1.7
MO	0850	1320	−1.7	TU	1705	1850	+0.4
LU	1815	2000	+0.3	MA	2050		
	2150						
8		0140	−0.9	23		0035	−0.9
	0530	0725	+0.3		0425	0625	+0.3
TU	0915	1415	−1.7	WE	0810	1305	−1.8
MA	1910	2105	+0.4	ME	1755	2005	+0.5
	2320				2230		
9		0255	−0.8	24		0155	−0.8
		0820	+0.1			0720	+0.2
WE		1505	−1.7	TH		1405	−1.9
ME	1955	2215	+0.5	JE	1850	2115	+0.6
10	0050	0415	−0.7	25	0005	0320	−0.8
		0920	+0.0			0820	+0.0
TH		1555	−1.8	FR		1505	−2.0
JE	2040	2310	+0.7	VE	1945	2230	+0.9
11	0200	0525	−0.8	26	0130	0445	−0.9
		1015	−0.1			0940	+0.0
FR		1650	−1.8	SA		1610	−2.0
VE	2115	2355	+0.8	SA	2035	2330	+1.1
12	0300	0620	−0.9	27	0240	0555	−1.0
		1110	−0.1			1055	+0.0
SA		1730	−1.8	SU		1710	−2.1
SA	2155			DI	2125		
13		0040	+0.9	28		0020	+1.3
	0345	0705	−1.0		0330	0650	−1.2
SU		1200	−0.1	MO		1200	+0.1
DI		1810	−1.9	LU		1810	−2.2
	2225				2215		
14		0115	+1.0	29		0110	+1.4
	0420	0750	−1.1		0415	0735	−1.4
MO		1245	−0.1	TU	1135	1300	+0.3
LU		1850	−1.9	MA	1415	1905	−2.2
	2300				2300		
15		0150	+1.1	30		0155	+1.4
	0455	0820	−1.2		0455	0820	−1.6
TU		1330	−0.1	WE	1215	1350	+0.4
MA		1930	−1.9	ME	1525	1955	−2.2
	2330				2345		
				31		0235	+1.4
					0530	0900	−1.7
				TH	1300	1445	+0.5
				JE	1630	2045	−2.0

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0030	0315	+1.3	16	0020	0250	+0.9
	0605	0940	−1.8		0525	0910	−1.6
FR	1340	1535	+0.5	SA	1320	1510	+0.4
VE	1725	2130	−1.8	SA	1700	2105	−1.6
2	0115	0355	+1.1	17	0055	0325	+0.8
	0635	1020	−1.8		0550	0940	−1.7
SA	1430	1625	+0.5	SU	1350	1550	+0.5
SA	1820	2220	−1.6	DI	1750	2145	−1.5
3	0200	0430	+0.9	18	0135	0350	+0.7
	0700	1100	−1.8		0610	1015	−1.8
SU	1520	1715	+0.5	MO	1430	1635	+0.6
DI	1915	2310	−1.3	LU	1845	2230	−1.3
4	0250	0515	+0.6	19	0220	0425	+0.5
	0725	1140	−1.8		0630	1055	−1.8
MO	1615	1810	+0.4	TU	1515	1730	+0.6
LU	2015	2355	−1.1	MA	1950	2325	−1.1
5	0350	0550	+0.4	20	0315	0510	+0.4
	0745	1225	−1.7		0655	1135	−1.9
TU	1715	1910	+0.4	WE	1610	1825	+0.6
MA	2120			ME	2100		
6		0105	−0.9	21		0025	−0.9
		0635	+0.2			0555	+0.2
WE		1315	−1.7	TH		1230	−1.9
ME	1815	2020	+0.4	JE	1710	1935	+0.6
	2240				2225		
7		0220	−0.7	22		0145	−0.8
		0725	+0.0			0655	+0.0
TH		1415	−1.6	FR		1335	−1.8
JE	1915	2130	+0.4	VE	1815	2050	+0.7
					2350		
8	0005	0340	−0.7	23		0315	−0.8
		0835	−0.2			0810	−0.1
FR		1515	−1.6	SA		1450	−1.8
VE	2005	2235	+0.5	SA	1920	2205	+0.8
9	0120	0500	−0.8	24	0105	0435	−1.0
		0945	−0.2			0940	−0.1
SA		1610	−1.6	SU		1600	−1.9
SA	2045	2325	+0.7	DI	2020	2305	+1.0
10	0215	0555	−0.9	25	0205	0540	−1.2
		1055	−0.2			1055	+0.1
SU		1705	−1.6	MO		1705	−1.9
DI	2125			LU	2115		
11		0005	+0.8	26		0000	+1.1
	0300	0640	−1.1		0255	0625	−1.4
MO		1145	−0.1	TU	1035	1200	+0.3
LU		1750	−1.7	MA	1325	1810	−2.0
	2200				2205		
12		0050	+0.9	27		0050	+1.1
	0340	0715	−1.2		0335	0710	−1.6
TU		1235	+0.0	WE	1110	1255	+0.5
MA		1835	−1.8	ME	1440	1855	−2.0
	2235				2250		
13		0120	+1.0	28		0130	+1.1
	0410	0745	−1.3		0415	0745	−1.8
WE		1310	+0.1	TH	1145	1345	+0.6
ME		1910	−1.8	JE	1545	1950	−1.9
	2310				2335		
14		0155	+1.0				
	0440	0815	−1.4				
TH		1350	+0.2				
JE		1950	−1.8				
	2345						
15		0220	+1.0				
	0505	0845	−1.5				
FR	1250	1425	+0.3				
VE	1605	2025	−1.7				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0210	+1.1	16		0145	+0.8
	0445	0830	−1.9		0405	0755	−1.7
FR	1220	1435	+0.7	SA	1155	1410	+0.7
VE	1640	2035	−1.8	SA	1625	2015	−1.6
2	0020	0245	+0.9	17	0005	0215	+0.7
	0515	0905	−1.9		0425	0830	−1.9
SA	1300	1515	+0.8	SU	1225	1450	+0.8
SA	1735	2120	−1.7	DI	1715	2055	−1.6
3	0105	0320	+0.8	18	0045	0250	+0.6
	0540	0940	−1.9		0450	0900	−2.0
SU	1345	1600	+0.8	MO	1300	1530	+0.9
DI	1820	2205	−1.5	LU	1805	2135	−1.4
4	0150	0355	+0.6	19	0130	0325	+0.5
	0600	1015	−1.9		0515	0940	−2.0
MO	1430	1650	+0.7	TU	1345	1615	+0.9
LU	1910	2250	−1.3	MA	1900	2225	−1.3
5	0240	0430	+0.4	20	0220	0400	+0.3
	0620	1055	−1.8		0540	1020	−2.0
TU	1520	1735	+0.6	WE	1430	1710	+0.9
MA	2000	2335	−1.1	ME	2000	2325	−1.1
6		0510	+0.2	21		0445	+0.2
		1135	−1.7			1105	−1.9
WE	1615	1825	+0.5	TH	1530	1805	+0.9
ME	2055			JE	2105		
7		0030	−0.9	22		0025	−1.0
		0550	+0.0			0540	+0.0
TH		1225	−1.6	FR		1205	−1.8
JE	1715	1930	+0.4	VE	1630	1915	+0.8
	2155				2215		
8		0145	−0.8	23		0145	−1.0
		0645	−0.2			0655	−0.1
FR		1320	−1.5	SA		1315	−1.7
VE	1815	2035	+0.4	SA	1740	2030	+0.8
	2310				2325		
9		0310	−0.8	24		0305	−1.1
		0800	−0.3			0825	−0.1
SA		1420	−1.4	SU		1430	−1.6
SA	1915	2140	+0.5	DI	1855	2135	+0.8
10	0015	0425	−0.9	25	0030	0420	−1.2
		0925	−0.3			0950	+0.0
SU		1530	−1.4	MO		1550	−1.6
DI	2005	2235	+0.6	LU	2000	2240	+0.9
11	0115	0510	−1.0	26	0125	0510	−1.4
		1035	−0.2			1100	+0.2
MO		1630	−1.4	TU		1700	−1.6
LU	2050	2325	+0.7	MA	2100	2335	+0.9
12	0200	0555	−1.2	27	0210	0600	−1.6
		1125	+0.0		1005	1155	+0.5
TU		1720	−1.5	WE	1350	1800	−1.7
MA	2130			ME	2150		
13		0005	+0.7	28		0020	+0.9
	0240	0630	−1.3		0245	0640	−1.8
WE		1210	+0.2	TH	1040	1250	+0.7
ME		1810	−1.6	JE	1500	1855	−1.7
	2210				2240		
14		0040	+0.8	29		0100	+0.8
	0310	0700	−1.5		0320	0720	−1.9
TH	1110	1250	+0.3	FR	1115	1335	+0.8
JE	1430	1850	−1.6	VE	1600	1940	−1.6
	2250				2330		
15		0115	+0.8	30		0140	+0.7
	0340	0730	−1.6		0350	0755	−2.0
FR	1130	1330	+0.5	SA	1150	1415	+0.9
VE	1530	1935	−1.7	SA	1650	2025	−1.6
	2325						
				31	0015	0215	+0.6
					0415	0825	−2.0
				SU	1225	1500	+1.0
				DI	1735	2110	−1.4

+ FLOOD/FLOT DIRECTION 115 TRUE/VRAIE

− EBB/JUSANT DIRECTION 290 TRUE/VRAIE

JUAN DE FUCA–WEST HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0100	0250	+0.4	16	0040	0220	+0.4
	0435	0900	-2.0		0355	0830	-2.2
MO	1305	1540	+0.9	TU	1230	1515	+1.2
LU	1820	2145	-1.3	MA	1815	2135	-1.4
2	0150	0320	+0.3	17	0130	0255	+0.3
	0455	0935	-1.9		0420	0910	-2.2
TU	1345	1620	+0.9	WE	1310	1605	+1.3
MA	1905	2230	-1.2	ME	1905	2220	-1.3
3		0355	+0.1	18		0340	+0.2
		1010	-1.8			0955	-2.1
WE	1430	1700	+0.8	TH	1400	1655	+1.2
ME	1945	2315	-1.0	JE	2000	2325	-1.2
4		0435	+0.0	19		0440	+0.0
		1050	-1.6			1045	-2.0
TH	1515	1745	+0.7	FR	1500	1750	+1.1
JE	2030			VE	2100		
5		0010	-1.0	20		0025	-1.2
		0520	-0.2			0540	-0.1
FR		1135	-1.5	SA		1145	-1.8
VE	1610	1840	+0.6	SA	1600	1855	+1.0
	2120				2155		
6		0115	-0.9	21		0135	-1.2
		0620	-0.3			0700	-0.1
SA		1230	-1.4	SU		1300	-1.6
SA	1710	1940	+0.5	DI	1710	2000	+0.9
	2215				2250		
7		0225	-0.9	22		0245	-1.3
		0740	-0.3			0830	+0.0
SU		1335	-1.3	MO		1420	-1.4
DI	1810	2040	+0.5	LU	1825	2105	+0.8
	2315				2345		
8		0335	-1.0	23		0345	-1.5
		0855	-0.3			0945	+0.2
MO		1445	-1.2	TU		1540	-1.4
LU	1910	2140	+0.5	MA	1935	2205	+0.7
9	0005	0420	-1.2	24	0030	0435	-1.7
		1005	-0.1		0900	1055	+0.4
TU		1555	-1.2	WE	1245	1650	-1.4
MA	2005	2230	+0.5	ME	2040	2255	+0.6
10	0050	0505	-1.3	25	0110	0525	-1.8
		1100	+0.1		0935	1150	+0.6
WE		1655	-1.3	TH	1405	1750	-1.4
ME	2055	2310	+0.6	JE	2140	2345	+0.5
11	0125	0540	-1.5	26	0145	0605	-1.9
	1000	1145	+0.3		1010	1240	+0.8
TH	1330	1745	-1.4	FR	1510	1840	-1.4
JE	2140	2350	+0.6	VE	2235		
12	0200	0610	-1.7	27		0025	+0.5
	1020	1225	+0.6		0215	0640	-2.0
FR	1440	1830	-1.4	SA	1045	1320	+1.0
VE	2225			SA	1605	1930	-1.3
					2325		
13		0030	+0.5	28		0105	+0.3
	0230	0640	-1.8		0240	0715	-2.0
SA	1045	1310	+0.8	SU	1120	1400	+1.0
SA	1535	1915	-1.5	DI	1650	2015	-1.3
	2305						
14		0100	+0.5	29		0145	+0.2
	0255	0715	-2.0			0750	-2.0
SU	1115	1350	+1.0	MO	1155	1440	+1.1
DI	1630	2000	-1.5	LU	1735	2100	-1.2
	2350						
15		0140	+0.5	30		0220	+0.1
	0325	0750	-2.1			0825	-2.0
MO	1150	1430	+1.2	TU	1230	1520	+1.0
LU	1720	2045	-1.4	MA	1815	2140	-1.2

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0250	+0.0	16		0240	+0.1
		0900	-1.9			0850	-2.3
WE	1310	1555	+1.0	TH	1250	1550	+1.5
ME	1855	2220	-1.1	JE	1905	2220	-1.4
2		0330	-0.1	17		0335	+0.1
		0930	-1.8			0940	-2.1
TH	1350	1635	+0.9	FR	1340	1640	+1.4
JE	1930	2305	-1.1	VE	1955	2315	-1.4
3		0410	-0.2	18		0435	+0.0
		1010	-1.6			1035	-1.9
FR	1430	1715	+0.8	SA	1435	1735	+1.2
VE	2010	2355	-1.1	SA	2040		
4		0500	-0.3	19		0015	-1.4
		1055	-1.5			0545	+0.0
SA	1515	1800	+0.7	SU		1135	-1.7
SA	2050			DI	1535	1830	+1.1
					2125		
5		0050	-1.1	20		0115	-1.5
		0600	-0.3			0705	+0.0
SU		1145	-1.3	MO		1250	-1.5
DI	1610	1845	+0.6	LU	1640	1925	+0.9
	2130				2210		
6		0145	-1.1	21		0215	-1.6
		0710	-0.3			0820	+0.1
MO		1245	-1.2	TU		1405	-1.3
LU	1705	1940	+0.5	MA	1755	2025	+0.7
	2215				2250		
7		0235	-1.2	22		0310	-1.7
		0820	-0.2		0750	0935	+0.3
TU		1355	-1.1	WE	1120	1520	-1.2
MA	1810	2030	+0.5	ME	1910	2120	+0.5
	2255				2330		
8		0320	-1.4	23		0400	-1.8
		0930	+0.0		0830	1035	+0.5
WE		1505	-1.1	TH	1255	1635	-1.1
ME	1910	2125	+0.4	JE	2020	2215	+0.4
	2330						
9		0405	-1.5	24	0005	0445	-1.9
		1025	+0.2		0910	1130	+0.7
TH		1615	-1.1	FR	1410	1735	-1.1
JE	2010	2210	+0.4	VE	2130	2305	+0.3
10	0005	0440	-1.7	25	0035	0530	-2.0
	0910	1120	+0.5		0945	1220	+0.9
FR	1330	1710	-1.1	SA	1510	1835	-1.1
VE	2105	2255	+0.4	SA		2350	+0.2
11	0040	0520	-1.9	26		0610	-2.0
	0935	1200	+0.8		1020	1305	+1.0
SA	1440	1805	-1.2	SU	1605	1920	-1.1
SA	2200	2340	+0.3	DI			
12	0115	0555	-2.0	27		0035	+0.1
	1005	1250	+1.0			0650	-2.0
SU	1535	1900	-1.3	MO	1055	1345	+1.1
DI	2250			LU	1650	2010	-1.1
13		0025	+0.3	28		0110	+0.0
	0150	0640	-2.2			0720	-2.0
MO	1040	1330	+1.2	TU	1130	1425	+1.1
LU	1630	1950	-1.3	MA	1730	2045	-1.1
	2345						
14		0105	+0.3	29		0145	-0.1
	0225	0720	-2.3			0755	-1.9
TU	1120	1415	+1.4	WE	1205	1500	+1.1
MA	1725	2040	-1.3	ME	1805	2130	-1.1
15		0155	+0.2	30		0230	-0.1
		0805	-2.3			0830	-1.8
WE	1205	1505	+1.5	TH	1240	1535	+1.1
ME	1815	2130	-1.4	JE	1840	2210	-1.1
				31		0310	-0.2
						0905	-1.7
				FR	1315	1605	+1.0
				VE	1915	2245	-1.2

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0355	-0.2	16		0430	+0.1
		0945	-1.6			1025	-1.9
SA	1355	1645	+0.9	SU	1415	1710	+1.3
SA	1945	2330	-1.2	DI	2010	2350	-1.7
2		0440	-0.3	17		0535	+0.2
		1025	-1.5			1125	-1.6
SU	1435	1725	+0.8	MO	1515	1800	+1.0
DI	2015			LU	2050		
3		0010	-1.2	18		0045	-1.7
		0535	-0.2			0650	+0.2
MO		1115	-1.3	TU		1230	-1.4
LU	1520	1805	+0.7	MA	1515	1855	+0.8
	2045				2125		
4		0055	-1.3	19		0135	-1.8
		0635	-0.2		0620	0800	+0.3
TU		1205	-1.2	WE	0940	1340	-1.1
MA	1615	1845	+0.6	ME	1725	1945	+0.6
	2120				2200		
5		0140	-1.4	20		0230	-1.8
		0745	-0.1		0710	0910	+0.4
WE		1315	-1.0	TH	1120	1455	-1.0
ME	1710	1930	+0.5	JE	1840	2035	+0.4
	2150				2230		
6		0225	-1.5	21		0320	-1.9
		0850	+0.1		0800	1020	+0.6
TH		1420	-0.9	FR	1245	1610	-0.9
JE	1815	2020	+0.4	VE		2135	+0.2
	2220						
7		0305	-1.7	22		0410	-1.9
	0755	0950	+0.4		0840	1115	+0.7
FR	1150	1535	-0.9	SA	1400	1720	-0.9
VE	1925	2110	+0.3	SA		2230	+0.1
	2250						
8		0350	-1.8	23		0455	-1.9
	0825	1045	+0.6		0920	1205	+0.9
SA	1320	1645	-0.9	SU	1505	1820	-0.9
SA		2205	+0.2	DI		2320	+0.0
9		0440	-2.0	24		0540	-1.9
	0900	1135	+0.9		1000	1250	+1.0
SU	1430	1745	-1.0	MO	1555	1915	-1.0
DI		2255	+0.2	LU			
10		0520	-2.2	25		0005	-0.1
	0935	1225	+1.2			0620	-1.9
MO	1535	1840	-1.1	TU	1035	1325	+1.0
LU		2350	+0.1	MA	1635	1955	-1.1
11		0610	-2.3	26		0050	-0.1
	1015	1315	+1.4			0700	-1.9
TU	1630	1935	-1.2	WE	1110	1405	+1.1
MA				ME	1710	2035	-1.1
12		0040	+0.1	27		0135	-0.1
		0655	-2.4			0735	-1.9
WE	1100	1400	+1.5	TH	1145	1440	+1.1
ME	1715	2030	-1.3	JE	1745	2110	-1.2
13		0135	+0.1	28		0210	-0.1
		0745	-2.4			0810	-1.8
TH	1145	1450	+1.6	FR	1215	1510	+1.1
JE	1805	2115	-1.4	VE	1815	2145	-1.2
14		0230	+0.1	29		0250	-0.1
		0835	-2.3			0845	-1.7
FR	1235	1535	+1.5	SA	1250	1545	+1.0
VE	1850	2210	-1.5	SA	1840	2220	-1.3
15		0330	+0.1	30		0335	-0.1
		0930	-2.1			0920	-1.6
SA	1325	1620	+1.4	SU	1325	1615	+0.9
SA	1930	2300	-1.6	DI	1910	2255	-1.3

+ FLOOD/FLOT DIRECTION 115 TRUE/VRAIE – EBB/JUSANT DIRECTION 290 TRUE/VRAIE

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0420	-0.1	16	0335	0515	+0.4
		1005	-1.5		0705	1110	-1.5
MO	1405	1645	+0.8	TU	1450	1730	+0.9
LU	1935	2325	-1.4	MA	2000		
2		0505	-0.1	17		0005	-1.8
		1045	-1.3		0435	0620	+0.4
TU	1445	1725	+0.7	WE	0815	1210	-1.3
MA	1955			ME	1550	1815	+0.6
					2030		
3		0005	-1.5	18		0055	-1.8
		0600	+0.0		0530	0725	+0.4
WE		1135	-1.2	TH	0930	1315	-1.0
ME	1535	1800	+0.6	JE	1700	1900	+0.4
	2020				2055		
4		0045	-1.6	19		0145	-1.8
		0700	+0.1		0630	0835	+0.5
TH		1235	-1.0	FR	1055	1430	-0.8
JE	1630	1840	+0.4	VE		1955	+0.2
	2045						
5		0125	-1.7	20		0240	-1.8
	0630	0810	+0.3		0725	0945	+0.6
FR	0955	1350	-0.9	SA	1225	1550	-0.8
VE	1735	1925	+0.3	SA		2050	+0.0
	2110						
6		0215	-1.8	21		0330	-1.8
	0705	0910	+0.5		0815	1045	+0.7
SA	1140	1505	-0.8	SU	1340	1705	-0.8
SA		2025	+0.2	DI		2150	-0.1
7		0310	-1.9	22		0425	-1.8
	0745	1020	+0.7		0900	1140	+0.8
SU	1305	1620	-0.8	MO	1440	1805	-0.9
DI		2125	+0.1	LU		2255	-0.1
8		0400	-2.1	23		0515	-1.8
	0830	1115	+1.0		0935	1225	+0.9
MO	1420	1730	-0.9	TU	1525	1850	-1.0
LU		2230	+0.0	MA		2350	-0.1
9		0455	-2.2	24		0555	-1.8
	0915	1210	+1.2		1015	1300	+1.0
TU	1520	1830	-1.1	WE	1605	1935	-1.1
MA		2330	+0.1	ME			
10		0550	-2.3	25		0035	-0.1
	1000	1255	+1.4			0640	-1.8
WE	1610	1925	-1.2	TH	1050	1335	+1.0
ME				JE	1640	2010	-1.2
11		0030	+0.1	26		0120	-0.1
		0645	-2.3			0715	-1.8
TH	1045	1345	+1.5	FR	1120	1410	+1.0
JE	1700	2010	-1.4	VE	1710	2035	-1.3
12		0130	+0.2	27		0200	+0.0
		0735	-2.3			0755	-1.8
FR	1135	1430	+1.5	SA	1155	1440	+1.0
VE	1740	2100	-1.6	SA	1735	2105	-1.3
13	0100	0225	+0.3	28		0235	+0.1
	0350	0830	-2.2			0830	-1.7
SA	1220	1515	+1.5	SU	1230	1510	+1.0
SA	1820	2145	-1.7	DI	1800	2140	-1.4
14	0150	0320	+0.3	29		0315	+0.1
	0455	0920	-2.0			0905	-1.6
SU	1310	1600	+1.3	MO	1305	1540	+0.9
DI	1855	2230	-1.8	LU	1820	2210	-1.5
15	0240	0420	+0.4	30		0355	+0.2
	0555	1015	-1.8			0945	-1.5
MO	1400	1640	+1.1	TU	1340	1610	+0.8
LU	1930	2315	-1.8	MA	1840	2240	-1.5
				31		0440	+0.2
						1030	-1.3
				WE	1420	1640	+0.6
				ME	1900	2315	-1.6

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0350	0530	+0.3	16		0005	-1.8
	0710	1115	-1.2		0440	0650	+0.5
TH	1505	1720	+0.5	FR	0910	1245	-1.0
JE	1920	2355	-1.7	VE		1820	+0.2
2	0435	0625	+0.4	17		0055	-1.7
	0825	1215	-1.0		0540	0755	+0.5
FR	1605	1800	+0.3	SA	1025	1400	-0.8
VE	1945			SA		1915	+0.0
3		0040	-1.8	18		0155	-1.6
	0525	0730	+0.4		0645	0905	+0.5
SA	0950	1325	-0.8	SU	1145	1525	-0.8
SA		1850	+0.2	DI		2020	-0.1
4		0130	-1.8	19		0255	-1.6
	0620	0840	+0.6		0740	1010	+0.6
SU	1125	1445	-0.8	MO	1255	1640	-0.8
DI		1950	+0.0	LU		2135	-0.2
5		0230	-1.9	20		0355	-1.6
	0715	0955	+0.8		0825	1105	+0.7
MO	1250	1610	-0.8	TU	1355	1735	-1.0
LU		2100	+0.0	MA		2240	-0.2
6		0335	-2.0	21		0450	-1.6
	0805	1055	+1.0		0910	1150	+0.8
TU	1400	1715	-1.0	WE	1440	1820	-1.1
MA		2220	+0.0	ME		2335	-0.1
7		0445	-2.1	22		0535	-1.6
	0855	1150	+1.1		0950	1230	+0.8
WE	1455	1810	-1.2	TH	1515	1855	-1.2
ME		2325	+0.1	JE			
8		0540	-2.1	23		0020	+0.0
	0945	1240	+1.3			0620	-1.7
TH	1545	1900	-1.4	FR	1025	1305	+0.9
JE	2305			VE	1550	1930	-1.3
9		0030	+0.3	24		0100	+0.1
	0150	0640	-2.2			0700	-1.7
FR	1035	1325	+1.3	SA	1100	1335	+0.9
VE	1625	1950	-1.6	SA	1615	1955	-1.4
	2345						
10		0125	+0.4	25	0010	0140	+0.3
	0305	0730	-2.2		0305	0735	-1.7
SA	1120	1405	+1.3	SU	1135	1405	+0.9
SA	1700	2030	-1.7	DI	1640	2025	-1.5
11	0025	0220	+0.5	26	0035	0215	+0.4
	0410	0820	-2.1		0355	0815	-1.7
SU	1205	1450	+1.2	MO	1210	1435	+0.8
DI	1735	2115	-1.9	LU	1700	2050	-1.6
12	0110	0305	+0.6	27	0100	0250	+0.5
	0510	0910	-1.9		0445	0850	-1.6
MO	1255	1530	+1.1	TU	1245	1505	+0.7
LU	1810	2155	-1.9	MA	1720	2120	-1.7
13	0155	0400	+0.7	28	0130	0330	+0.5
	0610	0955	-1.7		0535	0930	-1.5
TU	1345	1610	+0.9	WE	1325	1535	+0.6
MA	1835	2235	-1.9	ME	1740	2150	-1.7
14	0245	0455	+0.6	29	0205	0415	+0.6
	0705	1050	-1.4		0630	1010	-1.3
WE	1435	1650	+0.7	TH	1405	1605	+0.5
ME	1905	2320	-1.9	JE	1800	2225	-1.8
15	0340	0550	+0.6	30	0245	0500	+0.6
	0805	1145	-1.2		0725	1100	-1.1
TH	1535	1735	+0.4	FR	1500	1640	+0.3
JE	1925			VE	1820	2310	-1.8
				31	0335	0555	+0.6
					0830	1200	-1.0
				SA		1725	+0.1
				SA			

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0000	-1.8	16		0105	-1.5
	0435	0705	+0.6		0550	0820	+0.5
SU	0945	1315	-0.8	MO	1055	1455	-0.9
DI		1825	+0.0	LU		1950	-0.3
2		0100	-1.8	17		0210	-1.4
	0540	0815	+0.7		0650	0920	+0.5
MO	1110	1440	-0.8	TU	1200	1600	-1.0
LU		1940	-0.1	MA		2115	-0.2
3		0210	-1.8	18		0315	-1.4
	0645	0930	+0.8		0745	1015	+0.6
TU	1225	1555	-1.0	WE	1250	1655	-1.1
MA		2105	-0.1	ME		2225	-0.1
4		0325	-1.8	19		0415	-1.4
	0745	1030	+0.9		0835	1105	+0.6
WE	1325	1700	-1.2	TH	1335	1735	-1.2
ME		2225	+0.0	JE		2315	+0.0
5		0435	-1.8	20		0510	-1.4
	0840	1125	+1.0		0915	1145	+0.7
TH	1420	1755	-1.4	FR	1415	1810	-1.4
JE	2205	2330	+0.3	VE			
6	0055	0535	-1.9	21		0000	+0.2
	0935	1215	+1.1			0555	-1.5
FR	1500	1835	-1.6	SA	0955	1220	+0.7
VE	2235			SA	1445	1840	-1.5
					2255		
7		0025	+0.5	22		0040	+0.4
	0215	0630	-1.9		0225	0640	-1.6
SA	1020	1300	+1.1	SU	1035	1255	+0.7
SA	1540	1920	-1.8	DI	1515	1910	-1.6
	2310				2315		
8		0120	+0.7	23		0115	+0.5
	0325	0725	-1.9		0320	0720	-1.6
SU	1110	1340	+1.0	MO	1110	1325	+0.7
DI	1615	2000	-1.9	LU	1535	1940	-1.7
	2350				2340		
9		0205	+0.8	24		0155	+0.7
	0425	0810	-1.8		0410	0755	-1.5
MO	1155	1420	+0.9	TU	1150	1355	+0.6
LU	1645	2035	-2.0	MA	1600	2005	-1.8
10	0030	0255	+0.9	25	0005	0230	+0.8
	0520	0900	-1.7		0500	0835	-1.5
TU	1245	1500	+0.8	WE	1230	1425	+0.5
MA	1710	2115	-2.0	ME	1620	2035	-1.9
11	0115	0340	+0.9	26	0040	0310	+0.9
	0610	0945	-1.5		0545	0920	-1.4
WE	1335	1535	+0.6	TH	1315	1500	+0.4
ME	1735	2155	-2.0	JE	1640	2110	-2.0
12	0200	0425	+0.8	27	0120	0355	+0.9
	0700	1030	-1.3		0640	1005	-1.3
TH	1430	1615	+0.4	FR	1405	1535	+0.3
JE	1800	2230	-1.9	VE	1700	2150	-2.0
13	0250	0515	+0.7	28	0205	0440	+0.9
	0755	1125	-1.1		0735	1055	-1.1
FR		1650	+0.2	SA		1615	+0.1
VE		2315	-1.7	SA		2235	-1.9
14	0345	0610	+0.6	29	0255	0535	+0.9
	0850	1220	-0.9		0835	1200	-1.0
SA		1740	+0.0	SU		1710	+0.0
SA				DI		2330	-1.8
15		0005	-1.6	30	0355	0640	+0.8
	0445	0710	+0.5		0940	1310	-1.0
SU	0950	1335	-0.9	MO		1820	-0.1
DI		1835	-0.2	LU			

+ FLOOD/FLOT DIRECTION 115 TRUE/VRAIE – EBB/JUSANT DIRECTION 290 TRUE/VRAIE

JUAN DE FUCA–WEST HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0035	-1.7	16		0120	-1.2
	0505	0745	+0.8		0550	0825	+0.5
TU	1045	1430	-1.1	WE	1055	1515	-1.1
MA		1945	-0.2	ME		2050	-0.2
2		0150	-1.6	17		0230	-1.2
	0615	0900	+0.8		0650	0915	+0.5
WE	1150	1535	-1.2	TH	1145	1605	-1.2
ME		2115	+0.0	JE		2155	-0.1
3		0315	-1.6	18		0340	-1.2
	0720	1000	+0.8		0750	1010	+0.5
TH	1245	1635	-1.4	FR	1225	1645	-1.4
JE		2225	+0.2	VE		2250	+0.1
4		0425	-1.6	19		0440	-1.2
	0825	1100	+0.8		0840	1050	+0.5
FR	1330	1720	-1.6	SA	1300	1720	-1.5
VE	2135	2325	+0.5	SA	2145	2335	+0.4
5	0125	0530	-1.6	20	0125	0530	-1.3
	0920	1145	+0.8		0925	1130	+0.5
SA	1410	1810	-1.8	SU	1335	1750	-1.7
SA	2205			DI	2205		
6		0020	+0.7	21		0015	+0.6
	0235	0625	-1.7		0230	0615	-1.3
SU	1010	1230	+0.8	MO	1010	1210	+0.5
DI	1445	1845	-2.0	LU	1400	1825	-1.8
	2245				2230		
7		0110	+0.9	22		0050	+0.8
	0340	0715	-1.6		0325	0700	-1.4
MO	1100	1310	+0.7	TU	1050	1245	+0.4
LU	1520	1925	-2.1	MA	1430	1855	-2.0
	2320				2255		
8		0155	+1.0	23		0130	+1.0
	0435	0805	-1.6		0415	0740	-1.4
TU	1150	1350	+0.6	WE	1135	1315	+0.4
MA	1545	2005	-2.1	ME	1455	1930	-2.1
					2330		
9	0000	0235	+1.1	24		0210	+1.1
	0525	0850	-1.5		0505	0825	-1.4
WE	1240	1425	+0.4	TH	1225	1350	+0.3
ME	1610	2035	-2.1	JE	1520	2005	-2.1
10	0040	0320	+1.1	25	0005	0250	+1.2
	0610	0930	-1.3		0555	0910	-1.3
TH	1335	1505	+0.3	FR		1430	+0.2
JE	1630	2110	-2.0	VE		2040	-2.2
11	0120	0400	+1.0	26	0045	0340	+1.2
	0655	1020	-1.2		0645	1000	-1.3
FR		1540	+0.1	SA		1515	+0.1
VE		2150	-1.8	SA		2125	-2.1
12	0205	0445	+0.9	27	0130	0425	+1.2
	0740	1105	-1.1		0735	1055	-1.2
SA		1620	+0.0	SU		1605	+0.0
SA		2230	-1.7	DI		2215	-2.0
13	0255	0530	+0.7	28	0225	0520	+1.1
	0825	1205	-1.0		0830	1155	-1.2
SU		1710	-0.2	MO		1705	-0.1
DI		2315	-1.5	LU		2310	-1.8
14	0350	0625	+0.6	29	0325	0620	+1.0
	0910	1310	-1.0		0920	1300	-1.2
MO		1810	-0.3	TU		1825	-0.1
LU				MA			
15		0010	-1.3	30		0020	-1.6
	0450	0720	+0.6		0430	0720	+0.9
TU	1005	1415	-1.0	WE	1015	1410	-1.3
MA		1930	-0.3	ME		1950	-0.1
				31		0140	-1.4
					0545	0825	+0.8
				TH	1105	1510	-1.5
				JE		2115	+0.1

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0305	-1.3	16		0250	-1.0
	0655	0930	+0.7		0655	0905	+0.4
FR	1155	1605	-1.7	SA	1110	1545	-1.5
VE	2035	2225	+0.4	SA		2220	+0.2
2	0015	0420	-1.3	17		0400	-1.0
	0805	1025	+0.6		0755	0950	+0.3
SA	1235	1655	-1.9	SU	1140	1625	-1.7
SA	2105	2320	+0.7	DI	2100	2305	+0.5
3	0140	0520	-1.3	18	0115	0500	-1.0
	0910	1115	+0.5		0855	1035	+0.3
SU	1315	1735	-2.0	MO	1215	1705	-1.8
DI	2145			LU	2125	2350	+0.7
4		0010	+0.9	19	0225	0555	-1.1
	0250	0620	-1.4		0945	1120	+0.3
MO	1005	1200	+0.5	TU	1245	1740	-2.0
LU	1345	1815	-2.1	MA	2150		
	2220						
5		0100	+1.1	20		0035	+1.0
	0350	0710	-1.3		0320	0640	-1.2
TU	1100	1240	+0.4	WE		1200	+0.2
MA	1415	1855	-2.1	ME		1815	-2.1
	2255				2225		
6		0140	+1.2	21		0115	+1.2
	0440	0755	-1.3		0415	0730	-1.2
WE		1320	+0.2	TH		1240	+0.2
ME		1930	-2.1	JE		1855	-2.2
	2335				2300		
7		0220	+1.2	22		0155	+1.3
	0525	0840	-1.3		0505	0815	-1.3
TH		1355	+0.1	FR		1325	+0.1
JE		2005	-2.1	VE		1935	-2.3
					2340		
8	0010	0300	+1.2	23		0240	+1.4
	0605	0925	-1.2		0550	0905	-1.3
FR		1435	+0.0	SA		1415	+0.1
VE		2040	-2.0	SA		2025	-2.3
9	0050	0340	+1.1	24	0025	0325	+1.5
	0645	1005	-1.2		0640	0955	-1.3
SA		1515	-0.1	SU		1505	+0.1
SA		2115	-1.8	DI		2110	-2.2
10	0130	0420	+1.0	25	0110	0410	+1.4
	0720	1055	-1.1		0725	1045	-1.4
SU		1555	-0.2	MO		1600	+0.0
DI		2155	-1.7	LU		2200	-2.0
11	0210	0455	+0.9	26	0205	0500	+1.3
	0800	1140	-1.1		0810	1140	-1.4
MO		1650	-0.3	TU		1705	+0.0
LU		2235	-1.5	MA		2300	-1.8
12	0255	0540	+0.8	27	0300	0555	+1.1
	0835	1230	-1.1		0855	1240	-1.5
TU		1745	-0.3	WE		1820	+0.0
MA		2330	-1.3	ME			
13	0350	0630	+0.6	28		0005	-1.5
	0915	1320	-1.2		0405	0650	+0.9
WE		1855	-0.3	TH	0935	1335	-1.6
ME				JE		1940	+0.1
14		0030	-1.2	29		0120	-1.3
	0445	0720	+0.5		0515	0745	+0.7
TH	0955	1415	-1.3	FR	1020	1435	-1.7
JE		2010	-0.2	VE	1920	2100	+0.3
					2245		
15		0135	-1.0	30		0245	-1.1
	0550	0810	+0.5		0630	0850	+0.5
FR	1030	1505	-1.4	SA	1100	1530	-1.8
VE		2115	+0.0	SA	2000	2205	+0.5

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0025	0400	-1.1	16		0315	-0.8
	0750	0945	+0.4			0845	+0.2
SU	1135	1620	-2.0	MO		1530	-1.8
DI	2040	2310	+0.8	LU	2015	2230	+0.5
2	0150	0510	-1.1	17	0100	0425	-0.8
	0905	1035	+0.3			0940	+0.1
MO	1210	1705	-2.0	TU		1615	-1.9
LU	2120	2355	+0.9	MA	2045	2320	+0.8
3	0255	0615	-1.1	18	0215	0530	-0.9
		1130	+0.2			1030	+0.1
TU		1750	-2.1	WE		1705	-2.1
MA	2200			ME	2120		
4		0045	+1.1	19		0005	+1.1
	0350	0705	-1.1		0315	0625	-1.0
WE		1215	+0.1	TH		1125	+0.1
ME		1830	-2.1	JE		1750	-2.2
	2240				2200		
5		0130	+1.2	20		0055	+1.3
	0435	0750	-1.1		0410	0715	-1.1
TH		1255	+0.0	FR		1220	+0.1
JE		1905	-2.1	VE		1835	-2.3
	2315				2240		
6		0210	+1.2	21		0140	+1.4
	0520	0835	-1.2		0455	0805	-1.3
FR		1335	+0.0	SA		1310	+0.1
VE		1940	-2.0	SA		1920	-2.3
	2350				2325		
7		0245	+1.2	22		0225	+1.5
	0555	0915	-1.2		0540	0850	-1.4
SA		1420	-0.1	SU		1405	+0.1
SA		2015	-1.9	DI		2010	-2.3
8	0025	0320	+1.1	23	0010	0305	+1.5
	0625	0955	-1.2		0620	0940	-1.5
SU		1455	-0.1	MO		1500	+0.2
DI		2050	-1.8	LU		2100	-2.2
9	0100	0355	+1.1	24	0055	0355	+1.5
	0700	1035	-1.2		0700	1025	-1.6
MO		1535	-0.2	TU		1600	+0.2
LU		2125	-1.7	MA		2155	-2.0
10	0140	0430	+1.0	25	0145	0440	+1.3
	0730	1110	-1.2		0740	1115	-1.7
TU		1625	-0.2	WE		1700	+0.2
MA		2210	-1.5	ME		2250	-1.7
11	0215	0505	+0.9	26	0240	0525	+1.1
	0755	1150	-1.3		0815	1210	-1.7
WE		1715	-0.2	TH	1640	1805	+0.3
ME		2255	-1.3	JE	1935	2355	-1.4
12	0300	0545	+0.7	27	0340	0620	+0.9
	0825	1235	-1.3		0850	1255	-1.8
TH		1820	-0.2	FR	1740	1915	+0.3
JE		2345	-1.2	VE	2105		
13	0350	0625	+0.6	28		0105	-1.2
	0855	1315	-1.4		0445	0710	+0.6
FR		1925	-0.1	SA	0925	1355	-1.8
VE				SA	1835	2035	+0.4
					2240		
14		0045	-1.0	29		0220	-1.0
	0450	0710	+0.5		0605	0805	+0.4
SA	0920	1400	-1.5	SU	0955	1450	-1.9
SA		2030	+0.1	DI	1930	2145	+0.6
15		0200	-0.9	30	0020	0345	-0.9
	0555	0755	+0.3			0905	+0.2
SU	0950	1445	-1.6	MO		1545	-1.9
DI	1950	2135	+0.3	LU	2020	2250	+0.7
	2325						
				31	0140	0500	-0.9
						1005	+0.0
				TU		1635	-1.9
				MA	2100	2345	+0.9

+ FLOOD/FLOT DIRECTION 115 TRUE/VRAIE – EBB/JUSANT DIRECTION 290 TRUE/VRAIE

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0305	+3.4	16	0005	0320	+2.5
	0725	0945	-1.3		0715	0955	-1.1
TU	1315	1440	+0.4	WE		1450	-0.2
MA	1600	2100	-3.0	ME		2110	-2.3
2	0025	0350	+3.4	17	0035	0350	+2.5
	0800	1020	-1.4		0735	1015	-1.2
WE	1400	1530	+0.4	TH		1520	-0.1
ME	1700	2150	-2.8	JE		2140	-2.3
3	0115	0430	+3.2	18	0105	0420	+2.5
	0830	1100	-1.5		0750	1035	-1.4
TH	1500	1625	+0.4	FR		1555	-0.1
JE	1755	2245	-2.4	VE		2215	-2.1
4	0200	0510	+2.8	19	0140	0450	+2.3
	0900	1145	-1.6		0805	1100	-1.6
FR	1605	1730	+0.4	SA		1640	-0.0
VE	1905	2335	-1.9	SA		2250	-1.8
5	0250	0550	+2.4	20	0210	0525	+2.2
	0925	1230	-1.7		0825	1135	-1.8
SA	1715	1850	+0.3	SU	1705	1730	+0.0
SA	2040			DI	1755	2340	-1.4
6		0040	-1.4	21	0245	0555	+1.9
	0335	0630	+1.9		0840	1215	-2.0
SU	0945	1330	-1.8	MO	1725	1830	+0.2
DI	1825	2030	+0.4	LU	1940		
	2255						
7		0150	-0.9	22		0040	-1.0
	0425	0710	+1.4		0325	0620	+1.5
MO	1005	1430	-1.9	TU	0905	1300	-2.2
LU	1920	2205	+0.7	MA	1800	1950	+0.4
					2210		
8	0105	0310	-0.6	23		0155	-0.7
	0525	0750	+0.8		0415	0705	+1.2
TU	1015	1525	-2.0	WE	0925	1355	-2.4
MA	2005	2315	+1.1	ME	1840	2120	+0.8
9	0240	0430	-0.4	24	0115	0305	-0.5
	0645	0830	+0.3		0515	0750	+0.8
WE	1010	1615	-2.1	TH	0955	1450	-2.6
ME	2045			JE	1925	2235	+1.4
10		0010	+1.4	25	0245	0420	-0.4
	0355	0555	-0.4		0640	0845	+0.4
TH		0920	-0.1	FR	1025	1550	-2.7
JE		1700	-2.1	VE	2010	2335	+2.0
	2120						
11		0050	+1.7	26	0355	0545	-0.5
	0455	0745	-0.6		0830	0955	+0.2
FR		1040	-0.4	SA	1110	1650	-2.9
VE		1745	-2.1	SA	2100		
	2155						
12		0125	+1.9	27		0025	+2.5
	0535	0850	-0.8		0445	0655	-0.7
SA		1155	-0.5	SU	0955	1110	+0.2
SA		1835	-2.1	DI	1220	1755	-3.0
	2225				2150		
13		0155	+2.1	28		0115	+2.9
	0610	0910	-0.9		0530	0745	-0.9
SU		1255	-0.5	MO	1050	1220	+0.3
DI		1920	-2.2	LU	1340	1855	-3.1
	2300				2235		
14		0220	+2.3	29		0200	+3.1
	0635	0910	-0.9		0605	0825	-1.2
MO		1335	-0.4	TU	1135	1325	+0.5
LU		2000	-2.3	MA	1500	1950	-3.2
	2330				2325		
15		0250	+2.4	30		0240	+3.3
	0700	0930	-1.0		0640	0900	-1.4
TU		1415	-0.3	WE	1220	1420	+0.7
MA		2035	-2.3	ME	1610	2040	-3.1
				31	0010	0325	+3.2
					0705	0935	-1.6
				TH	1310	1515	+0.9
				JE	1715	2130	-2.8

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0055	0400	+3.0	16	0050	0350	+2.4
	0730	1015	-1.9		0645	0950	-2.0
FR	1400	1610	+0.9	SA	1350	1550	+0.6
VE	1820	2225	-2.4	SA	1730	2200	-2.2
2	0135	0440	+2.7	17	0125	0425	+2.2
	0750	1055	-2.1		0705	1025	-2.3
SA	1455	1705	+0.9	SU	1430	1635	+0.7
SA	1925	2315	-1.9	DI	1830	2250	-1.9
3	0220	0515	+2.3	18	0200	0455	+2.0
	0810	1140	-2.2		0725	1100	-2.5
SU	1555	1805	+0.9	MO	1510	1725	+0.8
DI	2040			LU	1930	2345	-1.5
4		0015	-1.4	19	0240	0530	+1.6
	0305	0550	+1.8		0745	1145	-2.7
MO	0830	1225	-2.2	TU	1600	1820	+1.0
LU	1655	1910	+0.9	MA	2055		
	2225						
5		0115	-1.0	20		0045	-1.3
	0350	0625	+1.3		0330	0605	+1.3
TU	0850	1315	-2.2	WE	0810	1235	-2.8
MA	1750	2030	+0.9	ME	1650	1925	+1.1
					2300		
6	0015	0220	-0.7	21		0145	-1.0
	0450	0705	+0.8		0430	0645	+0.9
WE	0905	1405	-2.2	TH	0840	1330	-2.8
ME	1850	2155	+1.0	JE	1745	2035	+1.4
7	0140	0330	-0.5	22	0040	0250	-0.9
	0610	0745	+0.3		0545	0735	+0.6
TH	0910	1455	-2.1	FR	0915	1425	-2.8
JE	1940	2310	+1.3	VE	1845	2150	+1.7
8	0250	0455	-0.5	23	0155	0355	-0.9
		0830	-0.1		0710	0835	+0.3
FR		1555	-2.0	SA	0955	1530	-2.9
VE	2030	2355	+1.5	SA	1940	2255	+2.0
9	0345	0615	-0.6	24	0255	0510	-0.9
		0940	-0.3		0830	0945	+0.2
SA		1705	-2.0	SU	1055	1635	-2.9
SA	2110			DI	2035	2350	+2.3
10		0040	+1.7	25	0350	0615	-1.1
	0430	0710	-0.8		0935	1100	+0.3
SU		1105	-0.4	MO	1220	1740	-3.0
DI		1805	-2.2	LU	2130		
	2155						
11		0115	+1.9	26		0045	+2.5
	0500	0740	-0.9		0430	0700	-1.3
MO		1215	-0.3	TU	1025	1215	+0.5
LU		1850	-2.3	MA	1355	1840	-3.0
	2230				2220		
12		0150	+2.1	27		0130	+2.7
	0530	0810	-1.1		0505	0740	-1.6
TU		1305	-0.1	WE	1105	1315	+0.8
MA		1935	-2.5	ME	1515	1935	-3.0
	2305				2305		
13		0220	+2.3	28		0215	+2.8
	0550	0835	-1.3		0535	0820	-1.9
WE	1255	1350	+0.1	TH	1150	1415	+1.1
ME	1440	2010	-2.6	JE	1625	2025	-2.8
	2340				2350		
14		0250	+2.4				
	0610	0900	-1.5				
TH	1300	1430	+0.3				
JE	1545	2045	-2.5				
15	0015	0320	+2.5				
	0630	0925	-1.8				
FR	1320	1510	+0.4				
VE	1640	2120	-2.4				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0255	+2.7	16		0245	+2.0
	0555	0855	-2.2		0520	0835	-2.5
FR	1230	1505	+1.4	SA	1230	1500	+1.1
VE	1730	2115	-2.5	SA	1715	2110	-2.2
2	0035	0330	+2.5	17	0035	0320	+1.9
	0620	0935	-2.5		0540	0910	-2.8
SA	1315	1555	+1.5	SU	1305	1545	+1.4
SA	1830	2210	-2.2	DI	1810	2205	-2.0
3	0120	0405	+2.3	18	0115	0350	+1.7
	0640	1010	-2.6		0600	0945	-3.0
SU	1400	1640	+1.6	MO	1345	1625	+1.6
DI	1930	2300	-1.9	LU	1910	2255	-1.9
4	0200	0440	+1.9	19	0205	0425	+1.4
	0700	1055	-2.7		0625	1030	-3.1
MO	1450	1725	+1.6	TU	1425	1715	+1.7
LU	2035	2355	-1.5	MA	2015	2350	-1.7
5	0250	0515	+1.4	20	0255	0505	+1.0
	0725	1135	-2.6		0650	1120	-3.2
TU	1535	1815	+1.5	WE	1515	1805	+1.8
MA	2155			ME	2135		
6		0050	-1.2	21		0040	-1.5
	0345	0550	+0.9		0355	0545	+0.7
WE	0745	1220	-2.5	TH	0715	1210	-3.1
ME	1630	1910	+1.3	JE	1610	1900	+1.8
	2310				2255		
7		0145	-1.0	22		0135	-1.4
	0455	0630	+0.5		0510	0630	+0.4
TH	0800	1310	-2.3	FR	0745	1305	-3.0
JE	1730	2015	+1.2	VE	1710	2000	+1.8
8	0020	0240	-0.9	23	0000	0235	-1.3
	0630	0715	+0.1		0635	0725	+0.2
FR	0800	1400	-2.1	SA	0815	1405	-2.8
VE	1830	2130	+1.2	SA	1810	2110	+1.8
9	0120	0355	-0.8	24	0105	0340	-1.3
		0810	-0.2		0810	0830	+0.0
SA		1500	-2.0	SU	0850	1505	-2.7
SA	1930	2245	+1.3	DI	1910	2215	+1.9
10	0210	0515	-0.9	25	0155	0450	-1.4
		0915	-0.3		0915	0950	+0.0
SU		1610	-2.0	MO	1020	1615	-2.6
DI	2020	2340	+1.4	LU	2010	2315	+1.9
11	0300	0610	-1.1	26	0245	0545	-1.6
		1040	-0.3		0950	1110	+0.3
MO		1720	-2.1	TU	1230	1725	-2.5
LU	2110			MA	2110		
12		0020	+1.6	27		0010	+2.0
	0335	0645	-1.3		0325	0630	-1.9
TU		1155	-0.1	WE	1025	1220	+0.6
MA		1815	-2.3	ME	1415	1825	-2.5
	2155				2200		
13		0100	+1.8	28		0100	+2.0
	0410	0715	-1.5		0355	0705	-2.2
WE	1130	1250	+0.2	TH	1100	1320	+1.0
ME	1400	1900	-2.4	JE	1535	1925	-2.4
	2235				2255		
14		0140	+2.0	29		0140	+1.9
	0435	0745	-1.8		0420	0740	-2.5
TH	1140	1335	+0.5	FR	1135	1410	+1.4
JE	1520	1945	-2.4	VE	1645	2015	-2.2
	2315				2340		
15		0210	+2.0	30		0220	+1.8
	0500	0810	-2.1		0440	0815	-2.8
FR	1200	1420	+0.8	SA	1210	1455	+1.8
VE	1620	2025	-2.4	SA	1740	2110	-2.0
	2355						
				31	0030	0255	+1.6
					0505	0855	-3.0
				SU	1245	1535	+2.0
				DI	1835	2200	-1.9

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE

- EBB/JUSANT DIRECTION 271 TRUE/VRAIE

TABLE DES COURANTS

JUAN DE FUCA–EAST HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0115	0330	+1.3	16	0125	0320	+0.9
	0525	0930	-3.0		0455	0920	-3.5
MO	1320	1615	+2.1	TU	1315	1610	+2.3
LU	1930	2250	-1.7	MA	1935	2255	-1.8
2	0205	0405	+1.0	17	0220	0400	+0.6
	0550	1010	-3.0		0520	1005	-3.5
TU	1400	1655	+2.0	WE	1355	1655	+2.4
MA	2025	2340	-1.6	ME	2035	2345	-1.8
3	0300	0440	+0.7	18	0325	0440	+0.4
	0610	1055	-2.8		0545	1100	-3.4
WE	1440	1735	+1.9	TH	1445	1745	+2.3
ME	2120			JE	2135		
4		0025	-1.4	19		0030	-1.7
	0410	0520	+0.3		0445	0525	+0.1
TH	0625	1140	-2.5	FR	0605	1150	-3.2
JE	1530	1825	+1.6	VE	1540	1835	+2.2
	2215				2230		
5		0110	-1.3	20		0120	-1.7
		0600	-0.0			0615	-0.1
FR		1225	-2.3	SA		1245	-2.9
VE	1625	1915	+1.4	SA	1640	1930	+2.0
	2310				2325		
6		0200	-1.2	21		0215	-1.6
		0650	-0.3			0715	-0.3
SA		1315	-2.0	SU		1345	-2.6
SA	1725	2015	+1.3	DI	1745	2035	+1.7
	2355						
7		0305	-1.2	22	0010	0330	-1.7
		0745	-0.4			0835	-0.3
SU		1410	-1.9	MO		1450	-2.3
DI	1830	2115	+1.2	LU	1845	2135	+1.5
8	0045	0425	-1.3	23	0055	0440	-1.9
		0850	-0.5			1020	-0.2
MO		1515	-1.8	TU		1605	-2.0
LU	1925	2220	+1.2	MA	1950	2235	+1.4
9	0130	0520	-1.4	24	0135	0525	-2.1
		1025	-0.3		1020	1135	+0.2
TU		1625	-1.8	WE	1255	1720	-1.9
MA	2020	2315	+1.3	ME	2050	2330	+1.2
10	0210	0555	-1.7	25	0205	0605	-2.4
		1140	-0.1		1035	1235	+0.7
WE		1730	-1.9	TH	1445	1820	-1.8
ME	2110			JE	2155		
11		0005	+1.3	26		0020	+1.0
	0245	0620	-2.0		0230	0635	-2.7
TH	1055	1235	+0.3	FR	1100	1325	+1.2
JE	1410	1825	-2.0	VE	1605	1920	-1.7
	2200				2300		
12		0045	+1.3	27		0105	+0.9
	0315	0645	-2.3		0255	0710	-2.9
FR	1105	1325	+0.8	SA	1125	1405	+1.6
VE	1535	1920	-2.0	SA	1705	2015	-1.6
	2250				2355		
13		0130	+1.3	28		0145	+0.7
	0340	0720	-2.7		0315	0745	-3.0
SA	1125	1405	+1.3	SU	1150	1440	+1.9
SA	1640	2015	-1.9	DI	1755	2110	-1.6
	2345						
14		0205	+1.2	29	0050	0220	+0.5
	0405	0755	-3.1		0340	0820	-3.1
SU	1200	1450	+1.8	MO	1220	1515	+2.1
DI	1735	2115	-1.9	LU	1845	2155	-1.5
15	0035	0245	+1.1	30	0145	0300	+0.3
	0430	0835	-3.3		0400	0855	-3.0
MO	1235	1530	+2.1	TU	1250	1550	+2.2
LU	1835	2205	-1.8	MA	1930	2240	-1.5

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0245	0335	+0.2	16	0245	0335	+0.2
	0415	0940	-2.9		0415	0950	-3.6
WE	1325	1630	+2.1	TH	1340	1640	+2.7
ME	2010	2320	-1.5	JE	2035	2325	-1.7
2		0410	-0.1	17		0410	+0.0
		1020	-2.7			1040	-3.4
TH	1405	1705	+2.0	FR	1430	1725	+2.5
JE	2050	2355	-1.5	VE	2120		
3		0445	-0.3	18		0005	-1.7
		1105	-2.5			0505	-0.2
FR	1450	1750	+1.7	SA		1135	-3.1
VE	2130			SA	1525	1815	+2.2
					2200		
4		0035	-1.4	19		0055	-1.7
		0525	-0.5			0605	-0.4
SA		1145	-2.2	SU		1230	-2.7
SA	1540	1835	+1.5	DI	1620	1905	+1.9
	2210				2240		
5		0115	-1.3	20		0155	-1.8
		0610	-0.6			0715	-0.5
SU		1230	-2.0	MO		1330	-2.2
DI	1635	1920	+1.3	LU	1720	2000	+1.5
	2250				2315		
6		0205	-1.3	21		0325	-1.9
		0705	-0.7			0915	-0.4
MO		1320	-1.8	TU		1440	-1.8
LU	1735	2010	+1.2	MA	1825	2055	+1.2
	2325				2345		
7		0305	-1.4	22		0425	-2.2
		0810	-0.7			1050	-0.1
TU		1420	-1.6	WE		1605	-1.5
MA	1830	2100	+1.0	ME	1930	2150	+0.8
8	0000	0405	-1.6	23	0010	0505	-2.4
		1000	-0.5		1020	1155	+0.4
WE		1530	-1.5	TH	1345	1720	-1.3
ME	1925	2155	+0.9	JE	2050	2245	+0.5
9	0035	0445	-2.0	24	0025	0540	-2.6
		1125	-0.1		1030	1245	+0.8
TH		1645	-1.4	FR	1525	1825	-1.2
JE	2025	2250	+0.8	VE	2230	2340	+0.2
10	0105	0520	-2.3	25	0035	0610	-2.8
	1025	1220	+0.4		1050	1325	+1.2
FR	1415	1755	-1.4	SA	1630	1925	-1.2
VE	2130	2345	+0.6	SA			
11	0135	0555	-2.7	26		0025	-0.0
	1035	1310	+1.1			0645	-2.8
SA	1545	1905	-1.4	SU	1115	1355	+1.6
SA	2240			DI	1725	2020	-1.2
12		0035	+0.5	27		0110	-0.2
	0210	0635	-3.1			0720	-2.9
SU	1100	1350	+1.7	MO	1140	1430	+1.8
DI	1655	2015	-1.5	LU	1810	2110	-1.3
	2350						
13		0125	+0.4	28		0150	-0.3
	0240	0720	-3.4			0800	-2.9
MO	1130	1435	+2.2	TU	1205	1500	+2.0
LU	1755	2110	-1.5	MA	1850	2145	-1.3
14	0050	0210	+0.3	29		0230	-0.3
	0315	0805	-3.6			0840	-2.8
TU	1210	1515	+2.5	WE	1240	1535	+2.0
MA	1850	2200	-1.6	ME	1920	2220	-1.4
15	0145	0250	+0.3	30		0305	-0.4
	0345	0855	-3.6			0920	-2.7
WE	1255	1555	+2.7	TH	1310	1610	+2.0
ME	1945	2245	-1.7	JE	1950	2255	-1.4
				31		0340	-0.4
						1000	-2.6
				FR	1350	1645	+1.9
				VE	2015	2325	-1.4

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0415	-0.5	16		0455	-0.1
		1040	-2.4			1120	-2.9
SA	1430	1720	+1.7	SU	1505	1755	+2.2
SA	2045	2355	-1.4	DI	2125		
2		0450	-0.6	17		0025	-1.8
		1115	-2.3			0600	-0.3
SU	1510	1800	+1.6	MO		1215	-2.4
DI	2115			LU	1600	1840	+1.8
					2150		
3		0030	-1.4	18		0125	-1.9
		0530	-0.7			0730	-0.3
MO		1155	-2.0	TU		1320	-1.9
LU	1555	1840	+1.4	MA	1655	1925	+1.4
	2140				2215		
4		0105	-1.5	19		0240	-2.1
		0620	-0.8			0925	-0.1
TU		1240	-1.8	WE		1435	-1.4
MA	1645	1920	+1.2	ME	1800	2010	+0.9
	2205				2235		
5		0150	-1.6	20		0345	-2.3
		0730	-0.7		0920	1050	+0.2
WE		1340	-1.5	TH	1230	1600	-1.1
ME	1730	1955	+1.0	JE	1915	2100	+0.4
	2230				2240		
6		0245	-1.9	21		0430	-2.5
		0925	-0.5		0940	1150	+0.6
TH		1450	-1.2	FR	1425	1715	-1.0
JE	1830	2040	+0.8	VE		2155	-0.0
	2300						
7		0335	-2.2	22		0510	-2.5
		1110	-0.0		1005	1240	+1.0
FR		1610	-1.0	SA	1545	1825	-0.9
VE	1935	2130	+0.5	SA		2255	-0.3
	2325						
8		0425	-2.5	23		0550	-2.6
	0940	1200	+0.6		1030	1315	+1.3
SA	1435	1730	-1.0	SU	1645	1940	-1.0
SA	2105	2230	+0.2	DI		2355	-0.5
	2350						
9		0515	-2.9	24		0630	-2.6
	1000	1250	+1.3		1100	1350	+1.6
SU	1600	1855	-1.0	MO	1730	2035	-1.1
DI	2250	2340	+0.1	LU			
10	0020	0600	-3.2	25		0045	-0.6
	1030	1335	+2.0			0710	-2.7
MO	1705	2005	-1.2	TU	1125	1420	+1.7
LU				MA	1805	2100	-1.1
11	0015	0040	+0.0	26		0130	-0.5
	0105	0655	-3.4			0755	-2.7
TU	1110	1415	+2.4	WE	1200	1450	+1.9
MA	1805	2055	-1.3	ME	1835	2130	-1.2
12	0100	0135	+0.1	27		0210	-0.5
	0205	0750	-3.6			0835	-2.7
WE	1155	1500	+2.8	TH	1230	1520	+1.9
ME	1850	2140	-1.5	JE	1900	2155	-1.3
13	0140	0225	+0.1	28		0245	-0.4
	0305	0845	-3.7			0915	-2.7
TH	1240	1540	+2.9	FR	1305	1555	+1.9
JE	1935	2215	-1.6	VE	1925	2225	-1.3
14	0230	0310	+0.1	29		0320	-0.4
	0350	0940	-3.6			0950	-2.6
FR	1325	1625	+2.8	SA	1335	1625	+1.9
VE	2015	2255	-1.7	SA	1945	2250	-1.4
15	0335	0400	+0.1	30		0350	-0.4
	0425	1030	-3.3			1020	-2.5
SA	1415	1710	+2.6	SU	1410	1700	+1.8
SA	2050	2340	-1.8	DI	2005	2315	-1.5

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE — - EBB/JUSANT DIRECTION 271 TRUE/VRAIE

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0425	-0.5	16	0440	0600	+0.3
		1055	-2.2		0725	1210	-2.1
MO	1445	1735	+1.7	TU	1535	1810	+1.8
LU	2025	2345	-1.6	MA	2100		
2		0510	-0.5	17		0045	-2.2
		1130	-2.0		0550	0720	+0.3
TU	1525	1805	+1.5	WE	0900	1315	-1.6
MA	2050			ME	1630	1850	+1.3
					2120		
3		0020	-1.8	18		0140	-2.3
		0605	-0.5		0655	0850	+0.4
WE		1220	-1.6	TH	1110	1425	-1.2
ME	1605	1840	+1.3	JE	1730	1930	+0.8
	2110				2135		
4		0105	-2.0	19		0240	-2.3
		0715	-0.4		0750	1015	+0.7
TH		1325	-1.3	FR	1305	1540	-1.0
JE	1650	1915	+1.0	VE	1855	2015	+0.3
	2130				2135		
5		0155	-2.2	20		0335	-2.4
		0855	-0.1		0835	1125	+1.0
FR		1440	-1.0	SA	1425	1700	-0.9
VE	1750	1955	+0.7	SA		2110	-0.2
	2155						
6		0250	-2.4	21		0435	-2.4
	0825	1025	+0.4		0915	1215	+1.3
SA	1305	1555	-0.8	SU	1530	1820	-0.9
SA	1905	2045	+0.4	DI		2220	-0.4
	2220						
7		0350	-2.7	22		0530	-2.4
	0845	1130	+1.0		0955	1255	+1.5
SU	1455	1715	-0.8	MO	1625	1930	-1.0
DI	2050	2145	+0.1	LU		2335	-0.6
	2240						
8		0445	-2.9	23		0620	-2.4
	0920	1225	+1.7		1030	1330	+1.7
MO	1605	1840	-0.9	TU	1710	2010	-1.1
LU		2300	-0.0	MA			
9		0545	-3.2	24		0035	-0.5
	1005	1310	+2.2			0710	-2.5
TU	1705	1940	-1.1	WE	1105	1405	+1.8
MA	2340			ME	1740	2035	-1.2
10		0010	+0.0	25		0125	-0.4
	0040	0640	-3.4			0750	-2.6
WE	1050	1400	+2.7	TH	1140	1435	+2.0
ME	1750	2025	-1.3	JE	1810	2100	-1.3
11	0010	0110	+0.2	26		0205	-0.2
	0210	0740	-3.5			0830	-2.7
TH	1135	1440	+2.9	FR	1210	1505	+2.1
JE	1830	2105	-1.5	VE	1830	2125	-1.4
12	0045	0205	+0.3	27		0240	-0.1
	0320	0835	-3.6			0905	-2.6
FR	1220	1525	+3.0	SA	1245	1535	+2.1
VE	1910	2145	-1.6	SA	1850	2150	-1.5
13	0130	0300	+0.4	28		0315	-0.1
	0420	0925	-3.4			0935	-2.5
SA	1310	1605	+2.9	SU	1315	1610	+2.1
SA	1940	2225	-1.8	DI	1910	2215	-1.7
14	0225	0355	+0.4	29		0350	-0.0
	0520	1020	-3.1			1010	-2.3
SU	1355	1645	+2.7	MO	1345	1640	+2.0
DI	2010	2305	-2.0	LU	1930	2240	-1.8
15	0330	0455	+0.4	30		0430	+0.0
	0615	1110	-2.7			1045	-2.0
MO	1445	1730	+2.3	TU	1420	1710	+1.8
LU	2035	2355	-2.1	MA	1945	2315	-2.0
				31	0445	0515	+0.0
					0545	1135	-1.7
				WE	1455	1740	+1.5
				ME	2005	2350	-2.2

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0510	0610	+0.1	16		0100	-2.5
	0710	1230	-1.4		0525	0800	+1.1
TH	1540	1815	+1.2	FR	1135	1410	-1.1
JE	2025			VE	1715	1900	+0.7
					2045		
2		0035	-2.3	17		0150	-2.3
	0545	0715	+0.3		0625	0925	+1.2
FR	0855	1335	-1.1	SA	1255	1520	-1.0
VE	1630	1850	+0.9	SA	1845	1950	+0.2
	2050				2050		
3		0130	-2.5	18		0250	-2.2
	0625	0835	+0.6		0725	1040	+1.3
SA	1145	1440	-0.9	SU	1400	1645	-0.9
SA	1740	1935	+0.6	DI		2050	-0.2
	2115						
4		0225	-2.6	19		0355	-2.1
	0710	0955	+1.0		0820	1140	+1.5
SU	1335	1550	-0.8	MO	1500	1800	-1.0
DI	1905	2025	+0.3	LU		2210	-0.4
	2145						
5		0325	-2.8	20		0510	-2.1
	0755	1100	+1.6		0910	1225	+1.6
MO	1450	1710	-0.8	TU	1550	1855	-1.1
LU	2040	2135	+0.1	MA		2340	-0.3
	2225						
6		0425	-2.9	21		0605	-2.2
	0845	1200	+2.0		0950	1305	+1.8
TU	1550	1820	-1.0	WE	1630	1930	-1.3
MA	2155	2250	+0.1	ME			
	2340						
7		0530	-3.1	22		0040	-0.2
	0935	1250	+2.5			0655	-2.4
WE	1640	1915	-1.2	TH	1030	1340	+2.0
ME	2240			JE	1700	2000	-1.4
8		0000	+0.3	23	0100	0125	+0.0
	0110	0635	-3.3		0155	0735	-2.5
TH	1025	1340	+2.8	FR	1110	1410	+2.1
JE	1725	1955	-1.4	VE	1725	2025	-1.5
	2320						
9		0105	+0.5	24	0050	0205	+0.2
	0240	0730	-3.3		0315	0815	-2.5
FR	1115	1420	+3.0	SA	1145	1445	+2.2
VE	1800	2035	-1.7	SA	1750	2055	-1.7
10	0005	0205	+0.8	25	0105	0240	+0.4
	0355	0825	-3.3		0410	0855	-2.5
SA	1200	1505	+3.0	SU	1220	1515	+2.2
SA	1830	2115	-1.9	DI	1810	2120	-1.9
11	0050	0300	+1.0	26	0125	0315	+0.6
	0500	0915	-3.1		0500	0930	-2.3
SU	1245	1545	+2.9	MO	1250	1545	+2.1
DI	1900	2155	-2.2	LU	1825	2145	-2.1
12	0140	0355	+1.1	27	0150	0355	+0.7
	0605	1010	-2.7		0545	1010	-2.0
MO	1330	1620	+2.6	TU	1325	1615	+1.9
LU	1920	2235	-2.4	MA	1845	2215	-2.3
13	0235	0450	+1.2	28	0225	0435	+0.8
	0715	1105	-2.3		0635	1055	-1.8
TU	1420	1700	+2.2	WE	1405	1645	+1.6
MA	1945	2320	-2.5	ME	1900	2250	-2.4
14	0330	0545	+1.2	29	0300	0520	+0.9
	0830	1205	-1.8		0735	1150	-1.5
WE	1510	1740	+1.7	TH	1445	1715	+1.3
ME	2010			JE	1920	2330	-2.5
15		0005	-2.5	30	0340	0610	+1.0
	0425	0645	+1.1		0900	1240	-1.3
TH	1000	1305	-1.4	FR	1540	1750	+0.9
JE	1605	1820	+1.2	VE	1945		
	2030						
				31		0015	-2.6
					0430	0705	+1.2
				SA	1050	1340	-1.1
				SA	1640	1835	+0.6
					2010		

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0110	-2.6	16		0210	-1.9
	0525	0815	+1.4		0620	0950	+1.5
SU	1220	1435	-1.0	MO	1325	1630	-1.0
DI	1800	1925	+0.3	LU		2040	-0.2
	2040						
2		0205	-2.6	17		0325	-1.7
	0620	0925	+1.6		0725	1055	+1.5
MO	1330	1545	-0.9	TU	1420	1735	-1.1
LU	1925	2020	+0.2	MA		2235	-0.2
	2120						
3		0310	-2.6	18		0445	-1.8
	0720	1035	+1.9		0820	1145	+1.6
TU	1430	1705	-1.0	WE	1505	1820	-1.3
MA	2040	2135	+0.1	ME		2355	-0.0
	2225						
4		0415	-2.7	19		0545	-1.9
	0815	1135	+2.2		0910	1230	+1.7
WE	1525	1805	-1.2	TH	1545	1855	-1.4
ME	2135	2255	+0.2	JE	2325		
5	0010	0520	-2.8	20		0045	+0.2
	0910	1230	+2.5		0200	0635	-2.0
TH	1610	1850	-1.5	FR	0955	1305	+1.8
JE	2215			VE	1615	1925	-1.6
					2330		
6		0005	+0.5	21		0125	+0.4
	0155	0625	-2.8		0305	0720	-2.1
FR	1000	1315	+2.7	SA	1035	1340	+1.9
VE	1650	1930	-1.7	SA	1640	1950	-1.8
	2255				2345		
7		0110	+0.9	22		0200	+0.7
	0320	0720	-2.8		0400	0800	-2.1
SA	1050	1400	+2.7	SU	1115	1410	+1.9
SA	1720	2005	-2.0	DI	1700	2020	-2.0
	2340						
8		0210	+1.3	23	0005	0235	+1.0
	0435	0815	-2.7		0455	0845	-2.0
SU	1140	1440	+2.7	MO	1155	1445	+1.8
DI	1745	2045	-2.3	LU	1720	2045	-2.2
9	0020	0300	+1.6	24	0030	0310	+1.3
	0540	0910	-2.5		0545	0930	-1.9
MO	1225	1520	+2.5	TU	1235	1515	+1.7
LU	1810	2125	-2.5	MA	1735	2110	-2.4
10	0100	0345	+1.9	25	0100	0345	+1.5
	0640	1005	-2.2		0635	1020	-1.7
TU	1315	1555	+2.2	WE	1320	1550	+1.4
MA	1830	2205	-2.7	ME	1755	2145	-2.5
11	0145	0435	+2.0	26	0130	0425	+1.7
	0750	1100	-1.9		0735	1105	-1.6
WE	1400	1630	+1.8	TH	1405	1620	+1.1
ME	1855	2245	-2.7	JE	1815	2225	-2.6
12	0235	0520	+2.0	27	0210	0505	+1.8
	0900	1155	-1.6		0845	1155	-1.4
TH	1455	1710	+1.4	FR	1455	1655	+0.8
JE	1920	2335	-2.6	VE	1835	2310	-2.6
13	0325	0610	+1.8	28	0255	0555	+1.9
	1015	1250	-1.4		1000	1240	-1.3
FR	1555	1750	+0.9	SA	1600	1735	+0.5
VE	1940			SA	1900		
14		0020	-2.4	29		0000	-2.6
	0420	0710	+1.6		0345	0645	+1.9
SA	1125	1345	-1.1	SU	1105	1330	-1.2
SA	1710	1835	+0.4	DI	1710	1820	+0.3
	2000				1930		
15		0110	-2.1	30		0055	-2.5
	0520	0820	+1.5		0445	0750	+1.9
SU	1225	1455	-1.0	MO	1205	1430	-1.1
DI	1900	1930	+0.0	LU	1835	1915	+0.1
	1955				2000		

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE – EBB/JUSANT DIRECTION 271 TRUE/VRAIE

JUAN DE FUCA–EAST HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0150	-2.4	16		0245	-1.3
	0545	0855	+1.9		0625	0955	+1.3
TU	1305	1550	-1.1	WE	1325	1710	-1.2
MA	2005	2025	+0.0	ME		2310	-0.1
	2045						
2		0255	-2.3	17		0415	-1.3
	0650	1005	+2.0		0725	1050	+1.3
WE	1400	1700	-1.3	TH	1405	1745	-1.3
ME	2055	2155	+0.1	JE	2235	2355	+0.2
	2255						
3		0410	-2.2	18	0105	0520	-1.4
	0750	1105	+2.0		0820	1140	+1.3
TH	1445	1750	-1.5	FR	1440	1815	-1.5
JE	2130	2320	+0.4	VE	2235		
4	0110	0520	-2.2	19		0040	+0.5
	0850	1200	+2.1		0225	0615	-1.5
FR	1530	1830	-1.8	SA	0915	1220	+1.3
VE	2205			SA	1510	1845	-1.7
					2245		
5		0025	+0.9	20		0115	+0.8
	0245	0625	-2.2		0330	0700	-1.5
SA	0945	1250	+2.1	SU	1010	1300	+1.3
SA	1600	1905	-2.0	DI	1530	1910	-1.9
	2240				2300		
6		0120	+1.3	21		0150	+1.2
	0405	0720	-2.1		0430	0755	-1.5
SU	1040	1335	+2.0	MO	1100	1335	+1.2
DI	1625	1940	-2.3	LU	1555	1935	-2.1
	2315				2320		
7		0210	+1.8	22		0220	+1.6
	0510	0820	-2.0		0525	0845	-1.5
MO	1130	1415	+1.9	TU	1150	1410	+1.1
LU	1650	2015	-2.5	MA	1615	2000	-2.3
	2350				2345		
8		0255	+2.2	23		0255	+2.0
	0610	0915	-1.9		0620	0935	-1.5
TU	1220	1450	+1.7	WE	1240	1445	+0.9
MA	1710	2055	-2.7	ME	1635	2035	-2.5
9	0030	0335	+2.5	24	0015	0330	+2.3
	0710	1005	-1.7		0715	1020	-1.5
WE	1310	1530	+1.4	TH	1330	1520	+0.8
ME	1735	2135	-2.7	JE	1655	2115	-2.6
10	0105	0415	+2.5	25	0050	0410	+2.5
	0810	1055	-1.6		0810	1105	-1.5
TH	1405	1605	+1.1	FR	1425	1600	+0.6
JE	1800	2215	-2.5	VE	1720	2200	-2.7
11	0145	0455	+2.4	26	0135	0450	+2.5
	0910	1140	-1.5		0905	1145	-1.5
FR	1500	1645	+0.8	SA	1520	1635	+0.4
VE	1825	2300	-2.3	SA	1745	2250	-2.6
12	0230	0535	+2.2	27	0220	0535	+2.4
	1005	1230	-1.3		0955	1225	-1.4
SA	1605	1725	+0.4	SU	1625	1720	+0.2
SA	1845	2350	-2.0	DI	1810	2340	-2.5
13	0320	0625	+1.9	28	0315	0625	+2.3
	1055	1320	-1.1		1045	1315	-1.3
SU	1735	1815	+0.1	MO	1755	1810	+0.0
DI	1850			LU	1830		
14		0040	-1.7	29		0035	-2.3
	0420	0725	+1.6		0410	0720	+2.1
MO	1145	1430	-1.0	TU	1135	1420	-1.3
LU		1910	-0.2	MA		1915	-0.1
15		0135	-1.5	30		0135	-2.0
	0525	0835	+1.4		0515	0820	+1.9
TU	1235	1620	-1.1	WE	1225	1555	-1.4
MA		2050	-0.3	ME		2055	-0.1
				31		0245	-1.7
					0620	0930	+1.7
				TH	1310	1650	-1.6
				JE	2100	2235	+0.3

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0020	0410	-1.6	16	0110	0445	-0.8
	0725	1030	+1.5		0715	1005	+0.8
FR	1355	1730	-1.8	SA	1305	1725	-1.5
VE	2125	2345	+0.7	SA	2155		
2	0215	0525	-1.5	17		0030	+0.6
	0830	1125	+1.4		0245	0545	-0.8
SA	1430	1805	-2.0	SU	0820	1105	+0.6
SA	2155			DI	1325	1745	-1.7
					2155		
3		0040	+1.3	18		0100	+1.0
	0335	0630	-1.5		0355	0645	-0.9
SU	0940	1220	+1.2	MO	0940	1155	+0.5
DI	1455	1835	-2.2	LU	1350	1810	-1.9
	2225				2210		
4		0125	+1.8	19		0130	+1.5
	0445	0730	-1.4		0455	0745	-1.0
MO	1045	1305	+1.0	TU	1100	1245	+0.4
LU	1515	1910	-2.4	MA	1415	1835	-2.2
	2255				2235		
5		0205	+2.2	20		0200	+2.0
	0545	0830	-1.4		0550	0840	-1.1
TU	1150	1345	+0.8	WE	1205	1330	+0.3
MA	1540	1945	-2.5	ME	1440	1915	-2.4
	2325				2305		
6		0240	+2.5	21		0235	+2.5
	0640	0920	-1.4		0640	0930	-1.3
WE	1245	1425	+0.7	TH	1300	1410	+0.3
ME	1600	2025	-2.5	JE	1515	2000	-2.6
	2355				2345		
7		0315	+2.7	22		0310	+2.8
	0730	1005	-1.4		0725	1010	-1.4
TH	1335	1505	+0.5	FR	1345	1450	+0.3
JE	1625	2105	-2.4	VE	1550	2050	-2.7
8	0030	0350	+2.7	23	0025	0350	+3.0
	0815	1045	-1.4		0810	1045	-1.4
FR	1430	1540	+0.4	SA	1430	1530	+0.2
VE	1650	2150	-2.2	SA	1625	2140	-2.7
9	0105	0425	+2.5	24	0105	0430	+3.0
	0855	1125	-1.3		0850	1125	-1.4
SA	1530	1620	+0.2	SU	1525	1615	+0.2
SA	1710	2235	-2.0	DI	1705	2230	-2.6
10	0145	0505	+2.3	25	0155	0510	+2.8
	0935	1205	-1.2		0935	1200	-1.4
SU		1700	-0.0	MO	1630	1705	+0.1
DI		2320	-1.7	LU	1735	2325	-2.4
11	0230	0550	+2.0	26	0245	0600	+2.5
	1015	1245	-1.1		1015	1250	-1.4
MO		1750	-0.2	TU		1800	-0.1
LU				MA			
12		0005	-1.4	27		0015	-2.0
	0320	0635	+1.7		0345	0650	+2.2
TU	1055	1340	-1.0	WE	1055	1355	-1.5
MA		1845	-0.4	ME		1925	-0.1
13		0055	-1.2	28		0120	-1.6
	0420	0725	+1.4		0440	0740	+1.8
WE	1130	1555	-1.0	TH	1130	1525	-1.6
ME		2210	-0.3	JE	2010	2135	+0.1
					2255		
14		0150	-0.9	29		0240	-1.2
	0515	0815	+1.2		0545	0835	+1.4
TH	1205	1635	-1.2	FR	1205	1620	-1.9
JE		2305	-0.1	VE	2035	2255	+0.6
15		0315	-0.8	30	0120	0410	-1.0
	0615	0910	+1.0		0650	0935	+1.0
FR	1235	1700	-1.3	SA	1230	1700	-2.0
VE	2215	2350	+0.2	SA	2105	2355	+1.1

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0255	0525	-0.9	16		0005	+0.6
	0810	1035	+0.7		0255	0455	-0.3
SU	1250	1730	-2.2	MO	0650	0900	+0.4
DI	2135			LU	1110	1610	-1.9
					2100		
2		0045	+1.6	17		0030	+1.2
	0410	0635	-0.9		0410	0615	-0.4
MO	0955	1135	+0.4	TU	0840	1005	+0.2
LU	1310	1805	-2.3	MA	1125	1700	-2.2
	2205				2125		
3		0125	+2.0	18		0100	+1.8
	0515	0750	-1.0		0505	0725	-0.6
TU	1135	1230	+0.1	WE		1130	-0.0
MA	1325	1845	-2.3	ME		1745	-2.4
	2235				2155		
4		0155	+2.3	19		0130	+2.3
	0605	0850	-1.1		0550	0820	-0.8
WE	1300	1315	+0.0	TH		1235	-0.0
ME	1330	1920	-2.3	JE		1840	-2.7
	2305				2235		
5		0225	+2.5	20		0210	+2.8
	0650	0935	-1.1		0630	0905	-1.0
TH		1400	-0.0	FR	1250	1330	+0.1
JE		2005	-2.3	VE	1405	1935	-2.8
	2335				2320		
6		0300	+2.6	21		0245	+3.1
	0725	1000	-1.2		0710	0940	-1.2
FR		1440	-0.1	SA	1315	1415	+0.2
VE		2045	-2.3	SA	1510	2030	-3.0
7	0010	0330	+2.6	22	0000	0325	+3.3
	0800	1025	-1.2		0745	1015	-1.3
SA		1515	-0.1	SU	1350	1505	+0.3
SA		2130	-2.1	DI	1610	2120	-2.9
8	0045	0405	+2.5	23	0050	0410	+3.2
	0830	1055	-1.2		0820	1045	-1.4
SU		1555	-0.1	MO	1440	1555	+0.3
DI		2210	-1.9	LU	1700	2210	-2.7
9	0120	0440	+2.3	24	0135	0450	+3.1
	0855	1130	-1.1		0855	1125	-1.5
MO		1630	-0.2	TU	1540	1645	+0.3
LU		2250	-1.7	MA	1755	2305	-2.4
10	0155	0515	+2.1	25	0225	0535	+2.8
	0920	1200	-1.1		0925	1210	-1.6
TU		1715	-0.3	WE	1650	1750	+0.2
MA		2325	-1.4	ME	1900	2355	-1.9
11	0235	0555	+1.9	26	0315	0615	+2.3
	0945	1235	-1.1		0955	1305	-1.8
WE		1800	-0.4	TH	1800	1920	+0.2
ME				JE	2050		
12		0005	-1.1	27		0105	-1.4
	0315	0630	+1.6		0405	0700	+1.9
TH	1005	1310	-1.1	FR	1015	1405	-1.9
JE		1905	-0.5	VE	1900	2110	+0.4
					2335		
13		0050	-0.8	28		0220	-1.0
	0355	0705	+1.4		0505	0745	+1.3
FR	1025	1355	-1.2	SA	1040	1510	-2.1
VE		2240	-0.2	SA	1950	2235	+0.9
14		0155	-0.6	29	0135	0345	-0.7
	0440	0740	+1.1		0610	0835	+0.8
SA	1040	1440	-1.4	SU	1055	1605	-2.2
SA	2135	2330	+0.1	DI	2030	2340	+1.3
15	0055	0320	-0.4	30	0305	0510	-0.6
	0535	0820	+0.8		0745	0930	+0.3
SU	1055	1525	-1.6	MO	1100	1650	-2.3
DI	2055			LU	2105		
				31		0030	+1.7
					0415	0635	-0.6
				TU		1035	-0.1
				MA		1730	-2.3
					2140		

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE – EBB/JUSANT DIRECTION 271 TRUE/VRAIE

1991

JANUARY-JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0115	+6.7	16		0205	+5.3
	0510	0840	-4.8		0525	0900	-4.1
TU	1155	1325	+1.5	WE	1220	1340	+1.0
MA	1500	1915	-6.9	ME	1510	1930	-5.6
	2300				2305		
2		0205	+6.6	17		0220	+5.3
	0550	0925	-5.2		0555	0925	-4.3
WE	1250	1415	+1.4	TH	1300	1425	+1.0
ME	1555	2000	-6.6	JE	1600	2005	-5.5
	2345				2340		
3		0305	+6.4	18		0245	+5.3
	0630	1010	-5.4		0620	0940	-4.4
TH	1345	1515	+1.3	FR	1335	1510	+1.2
JE	1700	2050	-5.9	VE	1655	2040	-5.1
4	0030	0410	+5.9	19	0010	0315	+5.2
	0710	1050	-5.4		0645	0945	-4.6
FR	1440	1625	+1.4	SA	1410	1600	+1.5
VE	1810	2140	-5.0	SA	1750	2120	-4.5
5	0115	0500	+5.3	20	0050	0355	+4.9
	0745	1135	-5.2		0715	1000	-4.8
SA	1530	1730	+1.8	SU	1445	1650	+2.0
SA	1930	2245	-3.9	DI	1855	2205	-3.8
6	0210	0550	+4.5	21	0130	0435	+4.4
	0820	1220	-4.9		0745	1025	-4.9
SU	1615	1830	+2.3	MO	1520	1740	+2.5
DI	2055			LU	2005	2305	-3.0
7		0000	-2.9	22	0220	0520	+3.6
	0305	0635	+3.6		0815	1100	-5.0
MO	0900	1305	-4.6	TU	1600	1835	+3.1
LU	1700	1925	+2.8	MA	2130		
	2235						
8		0130	-2.2	23		0030	-2.3
	0410	0725	+2.7		0320	0615	+2.7
TU	0930	1355	-4.5	WE	0845	1150	-5.0
MA	1745	2030	+3.4	ME	1645	1930	+3.7
					2310		
9	0015	0245	-1.9	24		0155	-2.1
	0535	0820	+1.9		0440	0720	+1.8
WE	1005	1440	-4.5	TH	0920	1310	-5.0
ME	1830	2140	+3.9	JE	1740	2030	+4.2
10	0130	0400	-1.9	25	0040	0315	-2.1
	0715	0910	+1.4		0630	0835	+1.2
TH	1045	1525	-4.6	FR	1005	1440	-5.3
JE	1915	2250	+4.5	VE	1840	2135	+4.8
11	0230	0525	-2.2	26	0150	0435	-2.4
	0835	1005	+1.0		0810	0940	+1.0
FR	1125	1610	-4.7	SA	1055	1540	-5.7
VE	2000	2345	+4.9	SA	1935	2245	+5.3
12	0315	0635	-2.7	27	0245	0600	-3.1
	0935	1050	+0.9		0920	1040	+1.1
SA	1210	1650	-4.9	SU	1155	1635	-6.1
SA	2040			DI	2030	2345	+5.8
13		0030	+5.1	28	0330	0705	-3.9
	0350	0725	-3.2		1010	1135	+1.3
SU	1025	1135	+0.9	MO	1305	1725	-6.4
DI	1255	1735	-5.2	LU	2120		
	2120						
14		0105	+5.2	29		0045	+6.0
	0425	0800	-3.6		0410	0755	-4.6
MO	1105	1220	+0.9	TU	1055	1225	+1.6
LU	1340	1815	-5.4	MA	1415	1815	-6.4
	2200				2205		
15		0140	+5.3	30		0140	+6.1
	0500	0835	-3.9		0445	0835	-5.2
TU	1145	1300	+0.9	WE	1140	1320	+1.9
MA	1425	1850	-5.6	ME	1525	1905	-6.3
	2235				2250		
				31		0230	+6.1
					0520	0910	-5.5
				TH	1220	1415	+2.2
				JE	1630	1950	-5.9
					2330		

FEBRUARY-FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0315	+5.9	16		0245	+4.9
	0555	0940	-5.6		0535	0840	-4.7
FR	1305	1510	+2.6	SA	1235	1455	+2.8
VE	1730	2040	-5.4	SA	1720	2030	-4.8
					2355		
2	0015	0355	+5.5	17		0305	+4.7
	0625	1010	-5.4		0600	0845	-5.1
SA	1345	1605	+2.9	SU	1305	1535	+3.3
SA	1825	2135	-4.7	DI	1810	2115	-4.3
3	0100	0430	+4.9	18	0040	0335	+4.3
	0700	1045	-5.2		0625	0905	-5.3
SU	1425	1650	+3.2	MO	1340	1620	+3.7
DI	1925	2235	-3.8	LU	1900	2205	-3.7
4	0150	0510	+4.1	19	0125	0415	+3.7
	0730	1120	-4.9		0650	0940	-5.4
MO	1510	1740	+3.4	TU	1420	1705	+4.1
LU	2040	2345	-3.0	MA	2005	2310	-3.1
5	0240	0550	+3.2	20	0220	0455	+2.8
	0800	1200	-4.7		0720	1025	-5.4
TU	1555	1830	+3.5	WE	1505	1755	+4.2
MA	2210			ME	2130		
6		0055	-2.3	21		0025	-2.6
	0345	0635	+2.2		0325	0550	+1.8
WE	0830	1250	-4.4	TH	0750	1120	-5.2
ME	1645	1930	+3.5	JE	1605	1850	+4.3
	2340				2300		
7		0210	-1.9	22		0150	-2.3
	0515	0730	+1.2		0505	0700	+0.9
TH	0900	1350	-4.3	FR	0825	1255	-5.0
JE	1740	2100	+3.7	VE	1705	2005	+4.3
8	0100	0330	-1.8	23	0025	0315	-2.3
	0720	0830	+0.6		0725	0820	+0.3
FR	0935	1445	-4.2	SA	0910	1420	-5.1
VE	1830	2230	+4.1	SA	1810	2145	+4.7
9	0200	0520	-2.2	24	0130	0455	-2.8
	0845	0930	+0.3		0845	0930	+0.4
SA	1020	1540	-4.4	SU	1020	1530	-5.3
SA	1925	2330	+4.4	DI	1915	2300	+5.1
10	0245	0630	-2.8	25	0220	0610	-3.7
	0940	1025	+0.4		0925	1035	+0.8
SU	1120	1625	-4.6	MO	1155	1625	-5.4
DI	2015			LU	2015	2355	+5.4
11		0015	+4.7	26	0300	0700	-4.4
	0325	0715	-3.3		1000	1135	+1.5
MO	1015	1115	+0.6	TU	1335	1720	-5.4
LU	1235	1710	-4.9	MA	2110		
	2100						
12		0055	+4.9	27		0045	+5.5
	0355	0745	-3.8		0335	0740	-5.0
TU	1045	1205	+1.0	WE	1035	1230	+2.3
MA	1350	1755	-5.2	ME	1455	1815	-5.4
	2140				2155		
13		0130	+5.0	28		0130	+5.4
	0425	0810	-4.1		0410	0815	-5.3
WE	1110	1245	+1.4	TH	1110	1325	+3.0
ME	1450	1835	-5.3	JE	1555	1905	-5.3
	2215				2240		
14		0200	+5.0				
	0445	0830	-4.3				
TH	1140	1330	+1.9				
JE	1545	1910	-5.3				
	2250						
15		0225	+5.0				
	0510	0845	-4.5				
FR	1210	1410	+2.4				
VE	1630	1950	-5.2				
	2325						

MARCH-MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0210	+5.3	16		0145	+4.2
	0440	0840	-5.4		0415	0725	-4.8
FR	1145	1415	+3.6	SA	1120	1350	+4.0
VE	1645	2000	-5.1	SA	1640	1945	-4.6
	2326				2310		
2		0250	+5.1	17		0210	+4.1
	0510	0905	-5.4		0440	0730	-5.3
SA	1220	1455	+4.1	SU	1145	1425	+4.6
SA	1735	2050	-4.9	DI	1725	2035	-4.4
					2350		
3	0005	0325	+4.8	18		0240	+3.8
	0545	0925	-5.3		0505	0755	-5.6
SU	1255	1535	+4.4	MO	1220	1505	+5.0
DI	1825	2140	-4.5	LU	1815	2125	-4.2
4	0050	0355	+4.2	19	0035	0315	+3.4
	0610	0950	-5.2		0535	0830	-5.8
MO	1330	1615	+4.5	TU	1255	1550	+5.2
LU	1920	2230	-3.9	MA	1905	2220	-3.8
5	0135	0430	+3.4	20	0130	0355	+2.7
	0640	1025	-5.0		0600	0915	-5.9
TU	1410	1655	+4.4	WE	1340	1635	+5.3
MA	2025	2325	-3.3	ME	2015	2320	-3.4
6	0230	0505	+2.4	21	0230	0435	+1.8
	0705	1105	-4.7		0630	1010	-5.7
WE	1455	1740	+4.2	TH	1435	1725	+5.1
ME	2140			JE	2130		
7		0025	-2.7	22		0025	-3.0
	0345	0550	+1.4		0400	0530	+0.8
TH	0730	1155	-4.3	FR	0650	1120	-5.3
JE	1545	1830	+3.8	VE	1530	1825	+4.8
	2255				2245		
8		0135	-2.2	23		0150	-2.8
	0540	0645	+0.4			0650	-0.1
FR	0745	1255	-4.0	SA		1245	-4.9
VE	1640	1945	+3.5	SA	1635	2010	+4.6
					2355		
9	0005	0300	-2.2	24		0330	-3.1
		0800	-0.2			0820	-0.2
SA		1400	-3.8	SU		1405	-4.6
SA	1740	2155	+3.7	DI	1745	2145	+4.7
10	0105	0500	-2.5	25	0055	0455	-3.8
		0910	-0.2		0845	0935	+0.3
SU		1505	-3.8	MO	1030	1515	-4.4
DI	1840	2250	+4.0	LU	1855	2245	+4.8
11	0155	0605	-3.1	26	0140	0550	-4.4
	0935	1010	+0.2		0905	1045	+1.3
MO	1055	1600	-4.0	TU	1250	1625	-4.4
LU	1940	2335	+4.3	MA	2000	2335	+4.8
12	0235	0640	-3.6	27	0220	0635	-4.9
	0945	1105	+0.8		0935	1145	+2.5
TU	1255	1650	-4.3	WE	1415	1730	-4.4
MA	2030			ME	2055		
13		0010	+4.4	28		0020	+4.6
	0305	0705	-4.0		0250	0710	-5.2
WE	1005	1150	+1.6	TH	1005	1235	+3.5
ME	1415	1735	-4.6	JE	1515	1840	-4.4
	2110				2145		
14		0045	+4.4	29		0100	+4.4
	0330	0725	-4.2		0325	0740	-5.2
TH	1030	1235	+2.5	FR	1035	1320	+4.3
JE	1510	1820	-4.7	VE	1605	1935	-4.5
	2155				2230		
15		0115	+4.4	30		0140	+4.3
	0350	0730	-4.5		0355	0800	-5.2
FR	1050	1315	+3.3	SA	1105	1355	+4.8
VE	1600	1900	-4.7	SA	1650	2020	-4.6
	2230				2315		
				31		0215	+4.0
					0425	0815	-5.2
				SU	1135	1425	+5.1
				DI	1735	2100	-4.5
					2355		

+ FLOOD/FLOT DIRECTION 050 TRUE/VRAIE - EBB/JUSANT DIRECTION 230 TRUE/VRAIE

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0245	+3.7	16		0210	+2.8
	0455	0835	-5.2		0410	0720	-6.2
MO	1210	1500	+5.3	TU	1145	1435	+6.0
LU	1820	2140	-4.3	MA	1815	2130	-4.2
2	0045	0320	+3.1	17	0040	0250	+2.3
	0520	0905	-5.2		0440	0810	-6.3
TU	1245	1535	+5.3	WE	1230	1520	+6.1
MA	1910	2220	-4.0	ME	1910	2220	-4.1
3	0135	0355	+2.3	18	0140	0330	+1.6
	0545	0940	-5.0		0510	0910	-6.3
WE	1320	1615	+5.1	TH	1315	1610	+5.9
ME	2010	2310	-3.6	JE	2015	2320	-3.9
4	0240	0430	+1.4	19	0305	0420	+0.8
	0605	1025	-4.7		0530	1010	-6.0
TH	1405	1655	+4.7	FR	1410	1705	+5.6
JE	2110			VE	2115		
5		0000	-3.2	20		0030	-3.7
	0410	0515	+0.4			0525	-0.1
FR	0610	1110	-4.3	SA		1110	-5.4
VE	1450	1740	+4.2	SA	1505	1815	+5.1
	2210				2215		
6		0105	-2.9	21		0155	-3.8
		0615	-0.4			0655	-0.5
SA		1205	-3.8	SU		1225	-4.7
SA	1540	1840	+3.7	DI	1610	2015	+4.8
	2305				2310		
7		0225	-2.8	22		0315	-4.1
		0735	-0.7			0825	-0.0
SU		1315	-3.4	MO		1345	-4.0
DI	1640	2055	+3.6	LU	1720	2115	+4.5
	2355						
8		0355	-3.1	23	0000	0420	-4.5
		0855	-0.4		0805	0940	+1.1
MO		1425	-3.2	TU	1130	1510	-3.6
LU	1740	2150	+3.7	MA	1835	2210	+4.2
9	0045	0500	-3.5	24	0045	0515	-4.8
	0855	0955	+0.4		0830	1045	+2.3
TU	1110	1525	-3.3	WE	1315	1630	-3.5
MA	1845	2235	+3.7	ME	1945	2255	+3.8
10	0120	0530	-3.8	25	0125	0555	-5.0
	0900	1045	+1.4		0900	1140	+3.4
WE	1310	1620	-3.5	TH	1425	1750	-3.6
ME	1945	2310	+3.7	JE	2045	2340	+3.5
11	0150	0545	-4.1	26	0200	0630	-5.0
	0920	1125	+2.5		0930	1220	+4.3
TH	1420	1710	-3.7	FR	1520	1850	-3.8
JE	2040	2345	+3.5	VE	2140		
12	0220	0555	-4.5	27		0025	+3.2
	0940	1205	+3.6		0230	0650	-5.0
FR	1510	1805	-3.9	SA	1000	1300	+4.9
VE	2130			SA	1605	1935	-4.0
					2225		
13		0020	+3.4	28		0100	+3.0
	0245	0605	-4.9		0305	0700	-5.0
SA	1005	1240	+4.5	SU	1030	1330	+5.3
SA	1555	1855	-4.1	DI	1645	2015	-4.1
	2215				2310		
14		0055	+3.2	29		0135	+2.8
	0315	0620	-5.4		0335	0720	-5.1
SU	1035	1320	+5.2	MO	1105	1355	+5.4
DI	1640	1950	-4.2	LU	1730	2055	-4.2
	2300				2355		
15		0130	+3.1	30		0210	+2.4
	0340	0645	-5.9		0400	0750	-5.2
MO	1105	1355	+5.8	TU	1135	1425	+5.5
LU	1725	2040	-4.2	MA	1815	2130	-4.1
	2345						

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0050	0245	+1.9	16	0045	0220	+1.4
	0425	0830	-5.2		0350	0805	-6.8
WE	1210	1500	+5.4	TH	1210	1500	+6.3
ME	1900	2210	-4.0	JE	1905	2220	-4.3
2	0145	0320	+1.1	17	0200	0310	+0.8
	0440	0910	-5.1		0420	0900	-6.6
TH	1245	1540	+5.2	FR	1255	1550	+6.0
JE	1945	2250	-3.8	VE	1955	2320	-4.4
3	0305	0400	+0.4	18	0345	0410	+0.1
	0450	0950	-4.8		0430	0955	-6.1
FR	1325	1620	+4.8	SA	1350	1655	+5.6
VE	2035	2340	-3.6	SA	2050		
4		0445	-0.3	19		0025	-4.5
		1030	-4.4			0525	-0.4
SA	1405	1705	+4.4	SU		1055	-5.2
SA	2120			DI	1445	1835	+5.1
					2135		
5		0040	-3.4	20		0135	-4.6
		0550	-0.9			0700	-0.1
SU		1120	-3.8	MO		1205	-4.2
DI	1450	1755	+4.0	LU	1545	1945	+4.6
	2205				2220		
6		0145	-3.4	21		0240	-4.7
		0715	-0.8		0655	0815	+0.8
MO		1225	-3.2	TU	0945	1340	-3.4
LU	1545	1930	+3.6	MA	1655	2040	+4.0
	2250				2305		
7		0245	-3.6	22		0335	-4.8
		0825	-0.2		0720	0920	+1.9
TU		1340	-2.8	WE	1150	1510	-3.0
MA	1640	2040	+3.4	ME	1810	2130	+3.4
	2325				2345		
8		0330	-3.8	23		0425	-4.8
	0755	0920	+0.9		0750	1020	+3.0
WE	1105	1450	-2.7	TH	1320	1625	-2.9
ME	1750	2125	+3.2	JE	1930	2215	+2.8
9	0000	0400	-4.1	24	0020	0505	-4.8
	0810	1005	+2.0		0820	1115	+3.9
TH	1255	1550	-2.8	FR	1425	1740	-2.9
JE	1900	2210	+2.9	VE	2035	2300	+2.4
10	0030	0420	-4.4	25	0100	0530	-4.8
	0825	1045	+3.2		0855	1200	+4.5
FR	1405	1645	-3.0	SA	1515	1840	-3.1
VE	2005	2250	+2.7	SA	2130	2340	+2.1
11	0105	0440	-4.9	26	0135	0550	-4.9
	0850	1125	+4.3		0930	1240	+4.8
SA	1455	1745	-3.2	SU	1600	1930	-3.3
SA	2105	2330	+2.5	DI	2220		
12	0135	0505	-5.4	27		0020	+1.9
	0925	1205	+5.1		0205	0615	-5.0
SU	1545	1845	-3.5	MO	1005	1310	+5.0
DI	2200			LU	1640	2010	-3.6
					2310		
13		0010	+2.3	28		0055	+1.6
	0210	0540	-6.0		0235	0645	-5.1
MO	1000	1245	+5.7	TU	1040	1335	+5.1
LU	1630	1945	-3.8	MA	1720	2050	-3.8
	2250						
14		0055	+2.2	29	0000	0135	+1.2
	0245	0620	-6.4		0300	0720	-5.2
TU	1040	1330	+6.1	WE	1110	1400	+5.0
MA	1720	2035	-4.0	ME	1800	2125	-3.9
	2345						
15		0135	+1.9	30	0100	0210	+0.8
	0320	0710	-6.7		0320	0800	-5.3
WE	1125	1410	+6.3	TH	1145	1435	+4.9
ME	1810	2125	-4.2	JE	1840	2200	-3.9
				31	0205	0250	+0.3
					0330	0840	-5.2
				FR	1220	1510	+4.8
				VE	1920	2240	-3.9

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0330	-0.3	16	0335	0405	+0.1
		0915	-4.9		0440	0940	-5.8
SA	1255	1550	+4.6	SU	1330	1715	+5.4
SA	2000	2325	-3.8	DI	2010		
2		0425	-0.6	17		0005	-5.0
		0955	-4.5		0435	0525	+0.3
SU	1335	1635	+4.4	MO	0620	1040	-4.8
DI	2035			LU	1425	1815	+4.8
					2050		
3		0010	-3.8	18		0100	-5.0
		0530	-0.7		0515	0640	+0.9
MO		1040	-3.9	TU	0810	1155	-3.8
LU	1415	1720	+4.1	MA	1525	1905	+4.1
	2110				2130		
4		0055	-3.8	19		0155	-4.8
		0645	-0.4		0550	0745	+1.7
TU		1135	-3.2	WE	0955	1330	-3.0
MA	1500	1820	+3.7	ME	1630	1955	+3.3
	2145				2205		
5		0135	-3.9	20		0245	-4.7
	0640	0740	+0.4		0625	0850	+2.5
WE	0845	1250	-2.6	TH	1145	1450	-2.5
ME	1555	1925	+3.2	JE	1750	2045	+2.5
	2215				2240		
6		0210	-4.0	21		0325	-4.7
	0645	0830	+1.4		0705	0955	+3.2
TH	1045	1410	-2.3	FR	1310	1605	-2.3
JE	1700	2020	+2.7	VE	1915	2130	+1.9
	2245				2315		
7		0245	-4.3	22		0400	-4.7
	0705	0920	+2.5		0745	1055	+3.8
FR	1225	1515	-2.3	SA	1415	1725	-2.4
VE	1815	2115	+2.2	SA	2025	2215	+1.5
	2320				2350		
8		0315	-4.7	23		0435	-4.8
	0735	1005	+3.5		0825	1150	+4.2
SA	1340	1620	-2.5	SU	1510	1835	-2.6
SA	1935	2205	+1.9	DI	2130	2300	+1.1
	2355						
9		0350	-5.2	24	0030	0505	-4.9
	0810	1050	+4.4		0905	1240	+4.4
SU	1440	1720	-2.7	MO	1555	1930	-3.0
DI	2050	2250	+1.7	LU	2225	2340	+0.9
10	0030	0430	-5.8	25	0100	0540	-5.0
	0850	1135	+5.1		0940	1320	+4.5
MO	1530	1830	-3.0	TU	1630	2015	-3.3
LU	2150	2335	+1.5	MA	2315		
11	0110	0520	-6.3	26		0025	+0.7
	0935	1220	+5.6		0135	0620	-5.2
TU	1620	1935	-3.5	WE	1020	1355	+4.5
MA	2250			ME	1710	2050	-3.5
12		0025	+1.4	27	0010	0105	+0.5
	0150	0610	-6.8		0200	0700	-5.3
WE	1020	1305	+5.9	TH	1055	1435	+4.4
ME	1710	2030	-3.9	JE	1745	2125	-3.7
	2350						
13		0110	+1.2	28	0105	0145	+0.2
	0230	0700	-7.0		0225	0735	-5.3
TH	1105	1350	+6.0	FR	1130	1505	+4.3
JE	1755	2125	-4.4	VE	1815	2200	-3.8
14	0055	0200	+0.8	29		0225	-0.0
	0310	0755	-6.9			0815	-5.3
FR	1150	1445	+5.9	SA	1200	1505	+4.3
VE	1840	2220	-4.8	SA	1845	2230	-3.8
15	0210	0300	+0.4	30		0310	-0.2
	0350	0845	-6.5			0850	-5.0
SA	1240	1555	+5.7	SU	1235	1535	+4.3
SA	1925	2310	-5.0	DI	1915	2255	-3.9

+ FLOOD/FLOT DIRECTION 050 TRUE/VRAIE

- EBB/JUSANT DIRECTION 230 TRUE/VRAIE

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0405	-0.2	16	0315	0505	+1.5
		0925	-4.5		0655	1030	-4.3
MO	1310	1615	+4.2	TU	1405	1740	+4.3
LU	1945	2320	-3.9	MA	2000		
2	0445	0505	+0.1	17		0015	-4.9
	0525	1010	-3.9		0405	0605	+2.0
TU	1345	1650	+3.9	WE	0815	1150	-3.5
MA	2015	2335	-4.0	ME	1505	1820	+3.4
					2035		
3	0445	0600	+0.6	18		0055	-4.7
	0710	1100	-3.2		0450	0700	+2.4
WE	1430	1735	+3.4	TH	0950	1310	-2.7
ME	2040	2340	-4.1	JE	1610	1905	+2.5
					2105		
4	0505	0650	+1.3	19		0140	-4.6
	0840	1215	-2.5		0535	0805	+2.7
TH	1525	1825	+2.8	FR	1130	1425	-2.2
JE	2110			VE	1730	1955	+1.7
					2140		
5		0010	-4.3	20		0225	-4.5
	0530	0740	+2.1		0620	0925	+3.1
FR	1020	1340	-2.1	SA	1255	1540	-2.0
VE	1630	1925	+2.1	SA	1905	2045	+1.0
	2140				2210		
6		0105	-4.5	21		0310	-4.6
	0605	0830	+2.9		0710	1045	+3.6
SA	1200	1450	-2.1	SU	1400	1715	-2.1
SA	1750	2030	+1.5	DI	2030	2140	+0.6
	2215				2245		
7		0220	-4.9	22		0355	-4.6
	0650	0925	+3.6		0755	1145	+4.0
SU	1320	1555	-2.2	MO	1455	1835	-2.5
DI	1930	2130	+1.1	LU	2140	2230	+0.4
	2255				2320		
8		0320	-5.4	23		0435	-4.8
	0740	1020	+4.2		0840	1230	+4.2
MO	1425	1710	-2.4	TU	1535	1925	-3.0
LU	2055	2220	+1.0	MA	2230	2315	+0.3
	2335						
9		0415	-6.0	24	0000	0515	-4.9
	0830	1110	+4.8		0920	1315	+4.3
TU	1515	1830	-2.9	WE	1610	2005	-3.3
MA	2155	2315	+0.9	ME	2315		
10	0025	0510	-6.5	25		0000	+0.3
	0920	1200	+5.2		0050	0555	-5.1
WE	1605	1940	-3.5	TH	1000	1355	+4.3
ME	2255			JE	1645	2040	-3.6
					2355		
11		0005	+0.9	26		0045	+0.3
	0115	0600	-6.8		0140	0635	-5.2
TH	1005	1250	+5.4	FR	1035	1430	+4.2
JE	1645	2035	-4.2	VE	1710	2110	-3.7
	2350						
12		0055	+0.9	27	0030	0125	+0.4
	0210	0650	-6.8		0230	0715	-5.2
FR	1050	1355	+5.5	SA	1110	1505	+4.2
VE	1730	2120	-4.7	SA	1735	2135	-3.8
13	0045	0150	+0.8	28	0105	0210	+0.5
	0310	0740	-6.5		0325	0750	-5.1
SA	1135	1510	+5.5	SU	1140	1530	+4.1
SA	1805	2205	-5.1	DI	1800	2155	-3.8
14	0135	0255	+0.9	29	0140	0255	+0.7
	0425	0830	-6.0		0425	0825	-4.8
SU	1225	1605	+5.3	MO	1215	1545	+4.0
DI	1845	2245	-5.2	LU	1825	2200	-3.9
15	0230	0405	+1.1	30	0210	0345	+1.0
	0540	0925	-5.3		0520	0905	-4.3
MO	1310	1655	+4.9	TU	1245	1555	+3.8
LU	1925	2330	-5.1	MA	1850	2135	-4.1
				31	0240	0430	+1.4
					0620	0950	-3.7
				WE	1325	1625	+3.4
				ME	1915	2155	-4.4

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0310	0515	+1.9	16	0345	0610	+3.1
	0725	1045	-3.0		0935	1240	-2.7
TH	1415	1700	+2.8	FR	1550	1815	+1.7
JE	1940	2230	-4.6	VE	2005		
2	0345	0605	+2.4	17		0040	-4.4
	0835	1200	-2.5		0435	0710	+3.0
FR	1510	1745	+2.1	SA	1105	1355	-2.2
VE	2010	2310	-4.7	SA	1725	1910	+0.8
					2025		
3	0425	0655	+2.8	18		0130	-4.3
	1010	1320	-2.1		0525	0900	+3.1
SA	1620	1840	+1.3	SU	1225	1520	-2.0
SA	2040			DI	1930	2010	+0.2
					2045		
4		0005	-4.8	19		0225	-4.3
	0515	0750	+3.2		0625	1020	+3.5
SU	1150	1435	-2.0	MO	1330	1715	-2.3
DI	1810	1955	+0.6	LU		2110	-0.1
	2110						
5		0155	-5.0	20		0320	-4.3
	0615	0855	+3.7		0720	1115	+3.8
MO	1305	1555	-2.2	TU	1420	1820	-2.8
LU	2010	2105	+0.4	MA		2210	-0.1
	2155						
6		0305	-5.4	21		0410	-4.4
	0710	1005	+4.1		0810	1200	+4.0
TU	1410	1725	-2.6	WE	1500	1905	-3.3
MA	2115	2205	+0.4	ME	2220	2300	+0.2
	2255				2345		
7		0405	-5.8	22		0455	-4.6
	0810	1110	+4.6		0855	1245	+4.1
WE	1455	1845	-3.3	TH	1530	1940	-3.6
ME	2200	2300	+0.6	JE	2240	2345	+0.6
8	0005	0455	-6.1	23	0120	0535	-4.8
	0900	1215	+4.9		0935	1320	+4.1
TH	1535	1935	-4.1	FR	1600	2010	-3.8
JE	2245	2355	+1.0	VE	2305		
9	0120	0545	-6.2	24		0030	+1.0
	0950	1320	+5.0		0230	0615	-4.9
FR	1615	2020	-4.7	SA	1010	1355	+4.0
VE	2325			SA	1625	2030	-3.8
					2330		
10		0050	+1.4	25		0115	+1.5
	0245	0635	-6.1		0325	0655	-4.9
SA	1035	1410	+5.1	SU	1045	1420	+3.9
SA	1650	2055	-5.1	DI	1645	2040	-3.9
					2355		
11	0005	0150	+1.8	26		0155	+1.9
	0400	0730	-5.8		0410	0735	-4.7
SU	1120	1455	+5.0	MO	1120	1445	+3.7
DI	1725	2130	-5.2	LU	1705	2010	-4.1
12	0045	0250	+2.2	27	0025	0235	+2.3
	0500	0825	-5.3		0455	0815	-4.4
MO	1210	1540	+4.7	TU	1155	1500	+3.5
LU	1800	2205	-5.2	MA	1730	2005	-4.4
13	0130	0345	+2.6	28	0050	0310	+2.8
	0600	0925	-4.7		0540	0855	-4.0
TU	1255	1615	+4.2	WE	1230	1520	+3.2
MA	1835	2240	-5.0	ME	1755	2030	-4.8
14	0210	0430	+2.9	29	0120	0350	+3.1
	0700	1030	-4.1		0630	0950	-3.5
WE	1350	1655	+3.5	TH	1315	1550	+2.7
ME	1905	2310	-4.8	JE	1820	2105	-5.0
15	0255	0520	+3.0	30	0155	0435	+3.4
	0810	1135	-3.3		0730	1050	-3.0
TH	1445	1735	+2.7	FR	1410	1630	+2.1
JE	1935	2350	-4.6	VE	1840	2145	-5.1
				31	0240	0525	+3.6
					0845	1200	-2.6
				SA	1515	1715	+1.3
				SA	1905	2235	-5.0

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0335	0615	+3.7	16		0035	-4.0
	1015	1315	-2.3		0425	0805	+3.2
SU	1700	1820	+0.4	MO	1135	1450	-2.5
DI	1925	2355	-4.9	LU		1940	-0.5
2	0435	0720	+3.7	17		0140	-3.8
	1135	1440	-2.3		0525	0935	+3.4
MO		1945	-0.2	TU	1235	1640	-2.8
LU				MA		2055	-0.4
3		0140	-4.9	18		0245	-3.7
	0540	0850	+3.9		0630	1030	+3.6
TU	1245	1610	-2.7	WE	1320	1745	-3.2
MA		2100	-0.1	ME	2130	2200	+0.1
					2230		
4		0255	-5.1	19		0340	-3.8
	0645	1020	+4.3		0725	1110	+3.7
WE	1340	1735	-3.4	TH	1400	1820	-3.6
ME	2115	2205	+0.4	JE	2130	2250	+0.8
	2255						
5		0355	-5.3	20	0045	0430	-4.1
	0750	1120	+4.6		0820	1150	+3.7
TH	1420	1830	-4.1	FR	1435	1850	-3.8
JE	2140	2305	+1.1	VE	2150	2335	+1.6
6	0045	0450	-5.3	21	0205	0515	-4.2
	0845	1210	+4.7		0905	1225	+3.6
FR	1500	1910	-4.7	SA	1500	1905	-3.9
VE	2215			SA	2210		
7		0000	+2.0	22		0015	+2.4
	0220	0540	-5.3		0255	0600	-4.3
SA	0935	1300	+4.6	SU	0945	1300	+3.5
SA	1535	1945	-5.0	DI	1520	1855	-4.1
	2245				2230		
8		0055	+2.8	23		0050	+3.1
	0325	0635	-5.2		0340	0645	-4.3
SU	1025	1345	+4.5	MO	1020	1325	+3.3
DI	1605	2015	-5.1	LU	1545	1845	-4.4
	2320				2255		
9		0145	+3.4	24		0125	+3.7
	0420	0735	-5.0		0425	0730	-4.3
MO	1110	1425	+4.3	TU	1100	1350	+3.1
LU	1640	2040	-5.1	MA	1605	1855	-4.8
	2355				2325		
10		0230	+3.8	25		0200	+4.2
	0510	0835	-4.8		0505	0815	-4.1
TU	1155	1500	+4.0	WE	1140	1415	+2.9
MA	1710	2100	-5.0	ME	1630	1915	-5.3
					2355		
11	0035	0310	+4.1	26		0240	+4.6
	0600	0930	-4.4		0545	0905	-3.9
WE	1240	1535	+3.5	TH	1225	1450	+2.5
ME	1740	2125	-4.9	JE	1655	1950	-5.5
12	0110	0350	+4.2	27	0030	0320	+4.8
	0655	1020	-4.0		0635	0955	-3.7
TH	1335	1610	+2.8	FR	1315	1525	+2.0
JE	1810	2205	-4.8	VE	1720	2030	-5.6
13	0155	0430	+4.1	28	0110	0400	+4.8
	0800	1115	-3.4		0740	1050	-3.3
FR	1435	1650	+1.9	SA	1420	1605	+1.3
VE	1835	2245	-4.6	SA	1745	2120	-5.5
14	0240	0515	+3.9	29	0200	0450	+4.7
	0910	1215	-2.9		0850	1155	-3.1
SA	1550	1730	+0.9	SU	1550	1655	+0.4
SA	1855	2335	-4.3	DI	1800	2230	-5.2
15	0330	0610	+3.5	30	0255	0545	+4.5
	1025	1320	-2.5		1005	1315	-3.0
SU	1805	1830	+0.1	MO		1810	-0.3
DI	1850			LU		2355	-4.8

+ FLOOD/FLOT DIRECTION 050 TRUE/VRAIE – EBB/JUSANT DIRECTION 230 TRUE/VRAIE

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0400	0700	+4.2	16		0050	-3.3
	1110	1445	-3.2		0420	0835	+3.3
TU		1945	-0.5	WE	1125	1525	-3.3
MA				ME		2040	-0.2
2		0125	-4.5	17		0205	-3.0
	0510	0900	+4.3		0525	0925	+3.4
WE	1205	1605	-3.8	TH	1210	1620	-3.6
ME	2030	2105	+0.2	JE	2025	2140	+0.7
	2140				2325		
3		0240	-4.3	18		0310	-3.1
	0620	1005	+4.4		0630	1010	+3.3
TH	1255	1705	-4.3	FR	1245	1650	-3.8
JE	2040	2210	+1.3	VE	2035	2225	+1.7
4	0005	0350	-4.3	19	0105	0405	-3.3
	0730	1055	+4.3		0730	1050	+3.2
FR	1335	1750	-4.8	SA	1320	1710	-4.1
VE	2105	2305	+2.5	SA	2055	2305	+2.8
5	0140	0455	-4.3	20	0210	0455	-3.5
	0830	1140	+4.1		0825	1125	+3.1
SA	1410	1825	-5.0	SU	1350	1720	-4.4
SA	2135	2355	+3.5	DI	2115	2345	+3.8
6	0250	0600	-4.4	21	0255	0550	-3.7
	0925	1225	+3.9		0915	1200	+2.9
SU	1445	1855	-5.1	MO	1415	1735	-4.8
DI	2205			LU	2140		
7		0045	+4.3	22		0020	+4.6
	0340	0705	-4.5		0340	0640	-3.9
MO	1010	1305	+3.7	TU	1000	1230	+2.7
LU	1520	1905	-5.1	MA	1440	1750	-5.2
	2235				2205		
8		0120	+4.9	23		0050	+5.3
	0425	0755	-4.5		0420	0730	-4.0
TU	1055	1345	+3.5	WE	1045	1305	+2.5
MA	1550	1920	-5.2	ME	1510	1815	-5.7
	2310				2240		
9		0155	+5.2	24		0130	+5.7
	0510	0840	-4.5		0500	0815	-4.1
WE	1145	1420	+3.2	TH	1130	1340	+2.3
ME	1620	1945	-5.2	JE	1535	1850	-6.0
	2345				2315		
10		0230	+5.3	25		0205	+6.0
	0555	0920	-4.3		0545	0900	-4.1
TH	1230	1455	+2.7	FR	1220	1420	+2.0
JE	1650	2025	-5.1	VE	1605	1930	-6.2
					2355		
11	0020	0310	+5.2	26		0250	+6.0
	0645	1000	-4.1		0640	0950	-4.0
FR	1325	1530	+2.0	SA	1320	1500	+1.4
VE	1715	2110	-5.0	SA	1635	2025	-6.2
12	0100	0350	+5.0	27	0040	0335	+5.9
	0740	1050	-3.8		0735	1045	-3.9
SA	1430	1610	+1.1	SU	1435	1550	+0.7
SA	1735	2155	-4.7	DI	1655	2125	-5.9
13	0140	0430	+4.6	28	0130	0425	+5.6
	0840	1140	-3.4		0835	1145	-3.9
SU	1605	1655	+0.3	MO		1650	-0.1
DI	1740	2245	-4.3	LU		2230	-5.4
14	0230	0515	+4.1	29	0225	0525	+5.2
	0935	1245	-3.1		0935	1305	-3.9
MO		1755	-0.5	TU		1815	-0.4
LU		2345	-3.8	MA		2340	-4.6
15	0320	0615	+3.5	30	0330	0700	+4.6
	1035	1405	-3.1		1025	1425	-4.2
TU		1920	-0.7	WE	1925	1950	+0.1
MA				ME	2015		
				31		0105	-3.9
					0435	0835	+4.4
				TH	1115	1530	-4.6
				JE	1925	2105	+1.2
					2255		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0235	-3.5	16		0235	-2.3
	0555	0930	+4.1		0525	0905	+3.0
FR	1200	1620	-4.9	SA	1130	1530	-4.1
VE	1950	2205	+2.6	SA	1935	2145	+2.5
2	0045	0355	-3.5	17	0100	0340	-2.5
	0710	1020	+3.7		0640	0950	+2.7
SA	1240	1700	-5.0	SU	1205	1555	-4.4
SA	2020	2300	+3.8	DI	1955	2230	+3.7
3	0200	0510	-3.6	18	0200	0435	-2.8
	0815	1105	+3.3		0750	1030	+2.5
SU	1320	1735	-5.1	MO	1235	1620	-4.8
DI	2055	2345	+4.7	LU	2025	2305	+4.7
4	0255	0615	-3.8	19	0250	0530	-3.1
	0915	1150	+3.1		0850	1110	+2.3
MO	1355	1750	-5.1	TU	1310	1650	-5.3
LU	2125			MA	2055	2345	+5.5
5		0025	+5.3	20	0330	0625	-3.5
	0340	0710	-4.0		0945	1150	+2.2
TU	1000	1230	+2.9	WE	1345	1720	-5.9
MA	1430	1810	-5.2	ME	2130		
	2200						
6		0055	+5.7	21		0020	+6.1
	0425	0750	-4.1		0410	0720	-3.8
WE	1050	1305	+2.7	TH	1035	1230	+2.1
ME	1505	1840	-5.3	JE	1420	1800	-6.3
	2235				2210		
7		0125	+5.8	22		0100	+6.5
	0505	0830	-4.3		0455	0805	-4.1
TH	1135	1340	+2.4	FR	1120	1310	+1.9
JE	1535	1915	-5.4	VE	1455	1840	-6.7
	2310				2250		
8		0200	+5.9	23		0140	+6.7
	0545	0905	-4.3		0540	0850	-4.3
FR	1225	1420	+1.9	SA	1215	1355	+1.6
VE	1600	1955	-5.4	SA	1525	1930	-6.8
	2340				2335		
9		0235	+5.8	24		0225	+6.7
	0630	0945	-4.3		0630	0940	-4.6
SA	1325	1455	+1.3	SU	1320	1440	+1.1
SA	1625	2040	-5.2	DI	1600	2025	-6.7
10	0020	0310	+5.5	25	0020	0310	+6.6
	0715	1025	-4.2		0720	1030	-4.7
SU	1430	1540	+0.6	MO	1440	1535	+0.5
DI	1640	2120	-4.9	LU	1635	2120	-6.2
11	0055	0350	+5.1	26	0105	0405	+6.1
	0805	1110	-4.0		0805	1130	-4.8
MO		1625	-0.1	TU	1610	1645	+0.2
LU		2210	-4.3	MA	1725	2215	-5.3
12	0140	0435	+4.6	27	0200	0510	+5.4
	0850	1205	-3.8		0855	1240	-4.8
TU		1735	-0.5	WE	1715	1815	+0.4
MA		2300	-3.7	ME	1915	2325	-4.2
13	0225	0530	+4.0	28	0300	0650	+4.7
	0935	1305	-3.7		0940	1345	-4.9
WE		1855	-0.4	TH	1755	1935	+1.2
ME				JE	2120		
14		0000	-3.0	29		0055	-3.3
	0315	0645	+3.5		0410	0755	+4.1
TH	1015	1405	-3.7	FR	1025	1440	-4.9
JE	1910	2005	+0.3	VE	1830	2045	+2.4
	2110				2320		
15		0120	-2.5	30		0235	-2.8
	0415	0815	+3.3		0530	0850	+3.5
FR	1055	1455	-3.9	SA	1105	1530	-5.0
VE	1920	2100	+1.4	SA	1905	2145	+3.5
	2325						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0055	0355	-2.8	16	0035	0305	-2.0
	0650	0940	+2.9		0550	0855	+2.2
SU	1145	1610	-5.0	MO	1055	1455	-4.6
DI	1945	2240	+4.4	LU	1900	2145	+4.0
2	0205	0505	-2.9	17	0140	0410	-2.3
	0805	1030	+2.5		0715	0945	+1.8
MO	1225	1645	-5.1	TU	1130	1540	-5.1
LU	2020	2330	+5.1	MA	1940	2230	+4.9
3	0255	0610	-3.2	18	023[illegible]	0510	-2.6
	0905	1110	+2.3		0830	1035	+1.7
TU	1305	1715	-5.2	WE	1210	1620	-5.7
MA	2055			ME	2020	2315	+5.7
4		0010	+5.5	19	0320	0610	-3.1
	0340	0705	-3.5		0930	1120	+1.7
WE	0955	1155	+2.1	TH	1255	1705	-6.3
ME	1345	1745	-5.3	JE	2105	2355	+6.2
	2135						
5		0040	+5.7	20	0400	0705	-3.6
	0420	0745	-3.8		1025	1205	+1.7
TH	1045	1230	+1.9	FR	1340	1750	-6.8
JE	1420	1820	-5.5	VE	2150		
	2210						
6		0105	+5.8	21		0040	+6.6
	0500	0825	-4.0		0445	0755	-4.2
FR	1130	1310	+1.7	SA	1115	1250	+1.6
VE	1450	1855	-5.6	SA	1425	1840	-7.1
	2245				2230		
7		0135	+5.8	22		0120	+6.8
	0535	0855	-4.3		0525	0845	-4.7
SA	1220	1350	+1.3	SU	1210	1340	+1.5
SA	1520	1935	-5.5	DI	1510	1925	-7.1
	2315				2315		
8		0210	+5.7	23		0210	+6.9
	0615	0930	-4.4		0610	0930	-5.1
SU	1315	1430	+0.9	MO	1310	1430	+1.3
DI	1550	2015	-5.4	LU	1600	2015	-6.8
	2350						
9		0245	+5.5	24	0000	0300	+6.6
	0650	1005	-4.4		0650	1015	-5.4
MO	1415	1515	+0.5	TU	1410	1535	+1.1
LU	1615	2055	-5.1	MA	1705	2110	-6.1
10	0025	0325	+5.3	25	0050	0400	+6.1
	0730	1040	-4.3		0730	1105	-5.5
TU	1530	1605	+0.2	WE	1510	1645	+1.3
MA	1645	2140	-4.5	ME	1825	2205	-5.1
11	0105	0405	+4.9	26	0140	0515	+5.4
	0805	1120	-4.2		0810	1200	-5.3
WE	1640	1710	+0.1	TH	1600	1755	+1.7
ME	1745	2225	-3.8	JE	1955	2315	-3.9
12	0145	0450	+4.4	27	0240	0615	+4.6
	0840	1205	-4.1		0850	1255	-5.1
TH	1715	1815	+0.4	FR	1650	1905	+2.4
JE	1925	2315	-2.9	VE	2130		
13	0230	0545	+3.9	28		0045	-2.9
	0915	1250	-4.1		0345	0715	+3.6
FR	1740	1915	+1.1	SA	0930	1350	-4.9
VE	2110			SA	1735	2005	+3.1
					2320		
14		0035	-2.2	29		0215	-2.4
	0320	0645	+3.3		0500	0805	+2.8
SA	0945	1335	-4.1	SU	1010	1440	-4.9
SA	1805	2010	+2.0	DI	1820	2115	+3.8
	2300						
15		0155	-1.9	30	0050	0335	-2.2
	0430	0755	+2.7		0630	0900	+2.1
SU	1020	1415	-4.3	MO	1050	1525	-4.9
DI	1830	2100	+3.0	LU	1905	2225	+4.5
				31	0200	0455	-2.3
					0755	0950	+1.7
				TU	1130	1605	-5.0
				MA	1950	2320	+5.0

+ FLOOD/FLOT DIRECTION 050 TRUE/VRAIE – EBB/JUSANT DIRECTION 230 TRUE/VRAIE

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0240	+3.6	16		0255	+2.7
	0615	0910	-2.4		0620	0925	-2.0
TU	1235	1425	+0.9	WE	1310	1435	+0.5
MA	1610	2030	-4.2	ME	1605	2035	-3.2
2	0010	0325	+3.6	17	0015	0325	+2.7
	0655	0955	-2.6		0650	0955	-2.2
WE	1325	1520	+1.0	TH	1340	1515	+0.6
ME	1710	2125	-3.9	JE	1650	2110	-3.1
3	0055	0410	+3.4	18	0045	0355	+2.6
	0735	1040	-2.8		0715	1020	-2.3
TH	1420	1615	+1.0	FR	1410	1555	+0.7
JE	1810	2215	-3.5	VE	1740	2145	-2.8
4	0140	0450	+3.1	19	0120	0425	+2.4
	0810	1130	-2.9		0735	1055	-2.5
FR	1515	1715	+1.0	SA	1445	1640	+0.8
VE	1915	2305	-2.9	SA	1835	2230	-2.6
5	0230	0535	+2.6	20	0155	0455	+2.2
	0845	1210	-3.0		0800	1125	-2.7
SA	1610	1815	+1.0	SU	1525	1730	+0.9
SA	2025	2355	-2.3	DI	1935	2310	-2.2
6	0320	0620	+2.1	21	0235	0530	+1.9
	0920	1300	-3.0		0820	1205	-2.8
SU	1710	1920	+1.0	MO	1605	1820	+1.1
DI	2140			LU	2045		
7		0100	-1.8	22		0010	-1.8
	0410	0705	+1.6		0320	0605	+1.5
MO	0950	1350	-3.0	TU	0850	1250	-3.0
LU	1805	2030	+1.1	MA	1655	1925	+1.2
	2310				2205		
8		0210	-1.3	23		0110	-1.4
	0515	0755	+1.1		0415	0655	+1.2
TU	1020	1440	-3.0	WE	0920	1335	-3.1
MA	1900	2140	+1.3	ME	1750	2035	+1.5
					2340		
9	0045	0330	-1.0	24		0230	-1.1
	0630	0850	+0.7		0525	0745	+0.8
WE	1055	1535	-3.0	TH	0955	1435	-3.2
ME	1950	2245	+1.6	JE	1850	2145	+1.8
10	0210	0450	-1.0	25	0115	0355	-1.1
	0755	0945	+0.5		0655	0855	+0.6
TH	1130	1625	-3.0	FR	1040	1540	-3.4
JE	2040	2340	+1.8	VE	1945	2255	+2.2
11	0315	0555	-1.1	26	0235	0515	-1.2
	0920	1050	+0.3		0830	1010	+0.5
FR	1210	1720	-3.1	SA	1145	1640	-3.6
VE	2120			SA	2040	2355	+2.6
12		0030	+2.1	27	0335	0620	-1.6
	0405	0655	-1.3		0945	1125	+0.5
SA	1030	1145	+0.3	SU	1255	1745	-3.8
SA	1255	1805	-3.1	DI	2135		
	2200						
13		0110	+2.3	28		0050	+3.0
	0445	0735	-1.5		0425	0720	-2.0
SU	1120	1235	+0.3	MO	1040	1225	+0.7
DI	1345	1845	-3.2	LU	1410	1840	-3.9
	2235				2225		
14		0150	+2.5	29		0140	+3.2
	0520	0815	-1.7		0510	0805	-2.3
MO	1200	1320	+0.3	TU	1130	1325	+1.0
LU	1435	1920	-3.2	MA	1520	1935	-4.0
	2310				2310		
15		0225	+2.6	30		0225	+3.3
	0550	0855	-1.9		0545	0850	-2.7
TU	1235	1400	+0.4	WE	1215	1420	+1.2
MA	1520	1955	-3.2	ME	1625	2025	-3.8
	2340				2355		
				31		0305	+3.3
					0620	0930	-2.9
				TH	1300	1515	+1.4
				JE	1725	2110	-3.6

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0040	0345	+3.0	16	0025	0320	+2.3
	0655	1010	-3.1		0620	0940	-2.8
FR	1345	1600	+1.5	SA	1320	1540	+1.4
VE	1820	2200	-3.2	SA	1800	2135	-2.8
2	0125	0425	+2.7	17	0100	0355	+2.1
	0725	1050	-3.2		0640	1010	-3.0
SA	1430	1655	+1.5	SU	1350	1620	+1.6
SA	1920	2250	-2.7	DI	1850	2215	-2.5
3	0210	0500	+2.2	18	0140	0425	+1.9
	0755	1130	-3.2		0705	1045	-3.1
SU	1520	1745	+1.5	MO	1430	1705	+1.7
DI	2020	2340	-2.2	LU	1950	2300	-2.2
4	0250	0540	+1.7	19	0220	0500	+1.6
	0820	1210	-3.1		0730	1125	-3.2
MO	1610	1840	+1.4	TU	1515	1800	+1.7
LU	2125			MA	2050	2355	-1.8
5		0030	-1.6	20	0305	0535	+1.2
	0340	0620	+1.3		0800	1205	-3.2
TU	0845	1255	-3.0	WE	1610	1855	+1.8
MA	1705	1945	+1.3	ME	2205		
	2240						
6		0135	-1.2	21		0100	-1.4
	0445	0705	+0.8		0410	0620	+0.9
WE	0915	1345	-2.8	TH	0830	1300	-3.2
ME	1805	2050	+1.3	JE	1710	2005	+1.8
					2330		
7	0005	0250	-1.0	22		0215	-1.2
	0605	0755	+0.4		0530	0725	+0.5
TH	0940	1445	-2.7	FR	0910	1405	-3.1
JE	1905	2200	+1.4	VE	1815	2120	+1.9
8	0125	0415	-0.9	23	0055	0345	-1.2
		0905	+0.2		0715	0845	+0.3
FR		1545	-2.6	SA	1010	1520	-3.1
VE	2000	2305	+1.6	SA	1920	2235	+2.2
9	0235	0530	-1.1	24	0210	0500	-1.5
		1015	+0.1		0840	1010	+0.4
SA		1640	-2.7	SU	1135	1630	-3.2
SA	2050	2355	+1.8	DI	2025	2335	+2.5
10	0325	0625	-1.3	25	0305	0605	-1.9
		1125	+0.1		0940	1125	+0.6
SU		1735	-2.8	MO	1305	1740	-3.3
DI	2130			LU	2120		
11		0040	+2.1	26		0030	+2.7
	0405	0710	-1.6		0350	0655	-2.3
MO	1055	1215	+0.3	TU	1025	1230	+1.0
LU	1330	1820	-2.9	MA	1425	1835	-3.5
	2210				2210		
12		0120	+2.3	27		0120	+2.8
	0440	0740	-1.9		0430	0740	-2.7
TU	1125	1300	+0.5	WE	1110	1325	+1.4
MA	1435	1905	-3.0	ME	1535	1930	-3.5
	2245				2300		
13		0155	+2.4	28		0200	+2.8
	0510	0815	-2.1		0505	0820	-3.0
WE	1155	1345	+0.7	TH	1150	1415	+1.7
ME	1530	1945	-3.1	JE	1640	2020	-3.4
	2320				2345		
14		0225	+2.5				
	0535	0845	-2.4				
TH	1220	1425	+0.9				
JE	1620	2020	-3.1				
	2350						
15		0250	+2.5				
	0600	0915	-2.6				
FR	1250	1500	+1.2				
VE	1710	2055	-3.0				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0240	+2.7	16		0215	+2.0
	0535	0900	-3.2		0500	0830	-3.0
FR	1230	1500	+1.9	SA	1200	1440	+1.9
VE	1735	2105	-3.1	SA	1720	2045	-2.7
2	0025	0315	+2.4	17	0005	0245	+1.9
	0605	0935	-3.4		0520	0900	-3.3
SA	1310	1550	+2.0	SU	1235	1520	+2.2
SA	1830	2150	-2.8	DI	1810	2125	-2.6
3	0110	0355	+2.1	18	0045	0315	+1.7
	0630	1010	-3.4		0545	0930	-3.4
SU	1350	1630	+2.0	MO	1310	1600	+2.3
DI	1920	2230	-2.4	LU	1905	2210	-2.4
4	0150	0425	+1.7	19	0130	0350	+1.5
	0655	1045	-3.3		0610	1010	-3.5
MO	1430	1715	+1.9	TU	1350	1645	+2.4
LU	2010	2320	-2.0	MA	2000	2300	-2.1
5	0235	0500	+1.2	20	0215	0435	+1.2
	0720	1125	-3.1		0640	1045	-3.5
TU	1515	1800	+1.7	WE	1440	1735	+2.4
MA	2105			ME	2055	2355	-1.8
6		0005	-1.6	21	0315	0515	+0.9
	0325	0535	+0.8		0715	1135	-3.4
WE	0745	1205	-2.8	TH	1535	1840	+2.3
ME	1605	1855	+1.5	JE	2205		
	2205						
7		0100	-1.3	22		0055	-1.6
	0430	0625	+0.5		0425	0615	+0.6
TH	0805	1250	-2.6	FR	0755	1235	-3.1
JE	1705	2000	+1.4	VE	1635	1945	+2.1
	2315				2315		
8		0215	-1.1	23		0215	-1.5
		0720	+0.2		0600	0725	+0.3
FR		1345	-2.4	SA	0845	1345	-2.9
VE	1805	2105	+1.3	SA	1745	2100	+2.1
9	0030	0335	-1.1	24	0025	0335	-1.6
		0830	+0.0		0735	0850	+0.3
SA		1455	-2.3	SU	1010	1505	-2.8
SA	1910	2210	+1.4	DI	1855	2210	+2.1
10	0135	0450	-1.2	25	0130	0450	-1.9
		0955	+0.0		0835	1020	+0.5
SU		1605	-2.3	MO	1155	1620	-2.8
DI	2005	2310	+1.6	LU	2000	2310	+2.2
11	0230	0545	-1.5	26	0220	0540	-2.3
		1100	+0.2		0925	1130	+0.9
MO		1705	-2.4	TU	1330	1730	-2.8
LU	2050	2355	+1.8	MA	2100		
12	0310	0625	-1.8	27		0000	+2.3
	1020	1155	+0.5		0305	0630	-2.7
TU	1330	1755	-2.6	WE	1005	1225	+1.4
MA	2135			ME	1450	1830	-2.9
					2155		
13		0035	+2.0	28		0050	+2.3
	0340	0705	-2.1		0340	0710	-3.1
WE	1045	1240	+0.8	TH	1045	1320	+1.8
ME	1440	1840	-2.7	JE	1555	1920	-2.9
	2215				2245		
14		0110	+2.1	29		0130	+2.1
	0410	0730	-2.5		0415	0745	-3.3
TH	1105	1325	+1.2	FR	1120	1405	+2.2
JE	1540	1925	-2.8	VE	1650	2010	-2.8
	2255				2330		
15		0140	+2.1	30		0205	+1.9
	0435	0800	-2.7		0440	0820	-3.5
FR	1135	1400	+1.6	SA	1200	1445	+2.4
VE	1630	2005	-2.8	SA	1745	2055	-2.6
	2330						
				31	0015	0240	+1.7
					0510	0855	-3.5
				SU	1235	1530	+2.4
				DI	1830	2135	-2.4

+ FLOOD/FLOT DIRECTION 180 TRUE/VRAIE - EBB/JUSANT DIRECTION 005 TRUE/VRAIE

ADMIRALTY INLET HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0100	0315	+1.4	16	0035	0250	+1.2
	0535	0930	-3.4		0450	0855	-3.8
MO	1310	1605	+2.4	TU	1240	1545	+3.0
LU	1915	2215	-2.1	MA	1910	2205	-2.3
2	0140	0350	+1.0	17	0125	0330	+1.0
	0555	1000	-3.2		0525	0940	-3.8
TU	1350	1645	+2.2	WE	1325	1635	+3.0
MA	2000	2300	-1.9	ME	2000	2255	-2.1
3	0230	0425	+0.7	18	0220	0415	+0.8
	0620	1040	-3.0		0605	1025	-3.7
WE	1430	1730	+2.0	TH	1415	1725	+2.9
ME	2045	2345	-1.6	JE	2055	2355	-2.0
4	0325	0505	+0.5	19	0330	0510	+0.6
	0640	1115	-2.8		0645	1120	-3.4
TH	1515	1815	+1.8	FR	1510	1825	+2.7
JE	2140			VE	2155		
5		0040	-1.4	20		0055	-1.9
		0550	+0.2		0450	0615	+0.4
FR		1205	-2.5	SA	0735	1220	-3.0
VE	1605	1910	+1.6	SA	1610	1925	+2.4
	2235				2255		
6		0145	-1.3	21		0210	-2.0
		0645	+0.0		0615	0735	+0.3
SA		1255	-2.2	SU	0850	1335	-2.7
SA	1700	2010	+1.5	DI	1715	2030	+2.2
	2335				2350		
7		0255	-1.3	22		0315	-2.2
		0805	-0.1		0725	0900	+0.4
SU		1405	-2.0	MO	1030	1450	-2.4
DI	1805	2110	+1.5	LU	1825	2135	+2.1
8	0030	0400	-1.5	23	0040	0415	-2.5
		0925	+0.0		0815	1020	+0.8
MO		1515	-2.0	TU	1220	1610	-2.3
LU	1905	2210	+1.5	MA	1935	2235	+1.9
9	0115	0455	-1.8	24	0125	0510	-2.8
	0915	1035	+0.3		0900	1125	+1.3
TU	1155	1620	-2.0	WE	1350	1720	-2.2
MA	2000	2300	+1.6	ME	2040	2325	+1.8
10	0155	0535	-2.1	25	0205	0555	-3.2
	0930	1130	+0.7		0940	1220	+1.8
WE	1330	1725	-2.1	TH	1505	1820	-2.2
ME	2050	2340	+1.6	JE	2135		
11	0230	0610	-2.5	26		0010	+1.6
	0955	1215	+1.2		0240	0635	-3.4
TH	1440	1810	-2.2	FR	1020	1310	+2.2
JE	2140			VE	1605	1910	-2.2
					2230		
12		0020	+1.6	27		0055	+1.4
	0300	0640	-2.8		0315	0710	-3.5
FR	1020	1300	+1.7	SA	1055	1355	+2.5
VE	1540	1900	-2.3	SA	1700	2000	-2.2
	2225				2320		
13		0100	+1.6	28		0135	+1.2
	0325	0715	-3.2		0340	0745	-3.6
SA	1050	1340	+2.2	SU	1130	1430	+2.6
SA	1635	1950	-2.4	DI	1745	2045	-2.1
	2305						
14		0130	+1.5	29	0010	0210	+1.0
	0355	0745	-3.5		0410	0820	-3.5
SU	1120	1420	+2.6	MO	1205	1510	+2.6
DI	1725	2030	-2.4	LU	1830	2130	-2.0
	2350						
15		0210	+1.4	30	0055	0250	+0.8
	0420	0820	-3.7		0435	0855	-3.4
MO	1200	1505	+2.8	TU	1240	1545	+2.6
LU	1815	2115	-2.4	MA	1910	2210	-1.9

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0145	0320	+0.5	16	0125	0310	+0.8
	0455	0925	-3.2		0450	0920	-4.0
WE	1315	1620	+2.5	TH	1305	1620	+3.4
ME	1950	2245	-1.8	JE	1955	2250	-2.2
2	0235	0355	+0.3	17	0225	0405	+0.6
	0520	1000	-3.0		0540	1010	-3.8
TH	1350	1700	+2.3	FR	1355	1710	+3.2
JE	2030	2330	-1.7	VE	2045	2345	-2.3
3		0445	+0.1	18	0335	0505	+0.5
		1040	-2.7		0635	1105	-3.4
FR	1430	1745	+2.1	SA	1445	1805	+2.9
VE	2115			SA	2135		
4		0020	-1.6	19		0045	-2.3
		0525	+0.0		0445	0615	+0.5
SA		1125	-2.5	SU	0745	1205	-2.9
SA	1515	1830	+1.9	DI	1545	1900	+2.6
	2155				2220		
5		0120	-1.6	20		0145	-2.5
		0625	-0.1		0555	0735	+0.5
SU		1210	-2.2	MO	0910	1315	-2.4
DI	1605	1920	+1.8	LU	1645	2000	+2.3
	2240				2310		
6		0210	-1.7	21		0245	-2.7
		0740	-0.1		0655	0850	+0.8
MO		1315	-1.9	TU	1050	1435	-2.0
LU	1700	2010	+1.6	MA	1750	2055	+1.9
	2325				2350		
7		0305	-1.9	22		0340	-3.0
		0855	+0.1		0745	1005	+1.2
TU		1425	-1.7	WE	1235	1550	-1.8
MA	1800	2105	+1.5	ME	1900	2150	+1.6
8	0005	0355	-2.2	23	0030	0430	-3.2
	0820	1000	+0.4		0830	1110	+1.6
WE	1145	1540	-1.6	TH	1400	1705	-1.7
ME	1900	2150	+1.4	JE	2010	2245	+1.3
9	0040	0435	-2.5	24	0105	0515	-3.4
	0840	1055	+1.0		0915	1205	+2.0
TH	1320	1640	-1.7	FR	1515	1805	-1.7
JE	2000	2240	+1.3	VE	2115	2335	+1.1
10	0110	0515	-2.9	25	0140	0600	-3.5
	0910	1150	+1.5		0950	1255	+2.3
FR	1435	1745	-1.8	SA	1610	1905	-1.7
VE	2100	2325	+1.2	SA	2220		
11	0145	0550	-3.2	26		0020	+0.8
	0940	1235	+2.1		0215	0635	-3.5
SA	1540	1840	-1.9	SU	1030	1335	+2.5
SA	2155			DI	1700	1950	-1.7
					2315		
12		0010	+1.1	27		0105	+0.7
	0215	0625	-3.6		0245	0715	-3.5
SU	1015	1315	+2.6	MO	1105	1415	+2.7
DI	1635	1930	-2.0	LU	1745	2035	-1.8
	2245						
13		0055	+1.0	28	0005	0140	+0.5
	0250	0705	-3.9		0310	0750	-3.4
MO	1050	1400	+3.0	TU	1140	1450	+2.7
LU	1725	2015	-2.1	MA	1825	2115	-1.8
	2335						
14		0135	+1.0	29	0100	0220	+0.4
	0330	0750	-4.1		0340	0825	-3.3
TU	1130	1445	+3.3	WE	1215	1525	+2.7
MA	1820	2110	-2.2	ME	1900	2155	-1.8
15	0030	0220	+0.9	30	0150	0300	+0.3
	0410	0830	-4.1		0405	0900	-3.2
WE	1215	1535	+3.4	TH	1245	1600	+2.6
ME	1905	2200	-2.2	JE	1935	2235	-1.8
				31		0335	+0.1
						0935	-3.0
				FR	1320	1635	+2.5
				VE	2010	2320	-1.8

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0420	+0.0	16	0315	0500	+0.8
		1015	-2.8		0645	1055	-3.3
SA	1355	1715	+2.4	SU	1425	1745	+3.0
SA	2045			DI	2105		
2		0000	-1.9	17		0020	-2.8
		0510	+0.0		0415	0605	+0.8
SU		1050	-2.5	MO	0800	1155	-2.7
DI	1435	1755	+2.2	LU	1520	1830	+2.6
	2120				2140		
3		0040	-2.0	18		0115	-2.9
		0605	+0.0		0520	0715	+0.9
M		1140	-2.2	TU	0920	1300	-2.2
LU	1520	1835	+2.0	MA	1615	1920	+2.1
	2150				2220		
4		0125	-2.1	19		0205	-3.1
		0705	+0.1		0615	0830	+1.1
TU		1240	-1.9	WE	1055	1410	-1.7
MA	1605	1915	+1.7	ME	1720	2010	+1.6
	2225				2255		
5		0205	-2.3	20		0300	-3.2
	0645	0810	+0.3		0710	0940	+1.4
WE	0940	1340	-1.6	TH	1230	1530	-1.4
ME	1700	2005	+1.5	JE	1830	2105	+1.2
	2255				2330		
6		0255	-2.5	21		0350	-3.3
	0715	0920	+0.7		0800	1050	+1.7
TH	1130	1455	-1.4	FR	1400	1645	-1.3
JE	1800	2050	+1.2	VE	1945	2205	+0.9
	2325						
7		0335	-2.8	22	0005	0440	-3.4
	0750	1020	+1.2		0845	1145	+2.0
FR	1305	1605	-1.3	SA	1510	1755	-1.3
VE	1910	2140	+1.0	SA	2100	2255	+0.6
	2355						
8		0420	-3.2	23	0045	0525	-3.4
	0825	1115	+1.8		0925	1235	+2.3
SA	1425	1715	-1.4	SU	1605	1850	-1.4
SA	2020	2235	+0.9	DI	2210	2350	+0.5
9	0035	0505	-3.5	24	0120	0610	-3.4
	0905	1205	+2.3		1005	1320	+2.5
SU	1535	1820	-1.5	MO	1655	1940	-1.5
DI	2125	2325	+0.8	LU	2315		
10	0115	0550	-3.8	25		0035	+0.4
	0945	1255	+2.8		0155	0650	-3.4
MO	1630	1915	-1.7	TU	1045	1355	+2.6
LU	2230			MA	1735	2020	-1.6
11		0020	+0.7	26	0005	0120	+0.3
	0200	0640	-4.1		0235	0730	-3.3
TU	1030	1345	+3.2	WE	1120	1435	+2.6
MA	1720	2005	-1.9	ME	1810	2105	-1.7
	2325						
12		0110	+0.7	27	0050	0200	+0.3
	0250	0730	-4.2		0310	0805	-3.2
WE	1115	1430	+3.5	TH	1150	1505	+2.7
ME	1810	2100	-2.1	JE	1840	2140	-1.8
13	0020	0205	+0.8	28		0245	+0.2
	0345	0820	-4.2			0840	-3.1
TH	1200	1520	+3.6	FR	1225	1540	+2.6
JE	1855	2150	-2.3	VE	1910	2215	-1.9
14	0115	0300	+0.8	29		0320	+0.2
	0440	0905	-4.1			0915	-3.0
FR	1250	1605	+3.5	SA	1255	1610	+2.6
VE	1940	2235	-2.5	SA	1940	2245	-2.0
15	0215	0400	+0.8	30		0405	+0.2
	0540	1000	-3.7			0955	-2.8
SA	1335	1655	+3.3	SU	1330	1645	+2.4
SA	2020	2330	-2.6	DI	2005	2325	-2.2

+ FLOOD/FLOT DIRECTION 180 TRUE/VRAIE – EBB/JUSANT DIRECTION 005 TRUE/VRAIE

ADMIRALTY INLET PST Z+8

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0335	0450	+0.3	16	0335	0545	+1.3
	0600	1030	-2.5		0805	1135	-2.6
MO	1405	1720	+2.2	TU	1455	1800	+2.3
LU	2035	2355	-2.3	MA	2055		
2	0415	0540	+0.4	17		0030	-3.2
	0700	1115	-2.2		0430	0655	+1.3
TU	1445	1755	+2.0	WE	0920	1240	-2.0
MA	2100			ME	1550	1840	+1.8
					2125		
3		0035	-2.4	18		0125	-3.2
	0450	0635	+0.5		0530	0800	+1.4
WE	0815	1205	-1.8	TH	1045	1345	-1.5
ME	1525	1830	+1.7	JE	1650	1930	+1.3
	2125				2200		
4		0115	-2.6	19		0215	-3.1
	0530	0730	+0.7		0625	0910	+1.5
TH	0940	1305	-1.5	FR	1215	1505	-1.2
JE	1615	1910	+1.4	VE	1805	2025	+0.8
	2150				2230		
5		0155	-2.8	20		0305	-3.1
	0615	0840	+1.0		0720	1015	+1.6
FR	1115	1415	-1.2	SA	1340	1620	-1.1
VE	1715	2000	+1.1	SA	1930	2120	+0.5
	2220				2310		
6		0245	-3.1	21		0405	-3.1
	0700	0945	+1.5		0815	1115	+1.9
SA	1250	1535	-1.1	SU	1450	1735	-1.1
SA	1830	2050	+0.8	DI	2055	2225	+0.3
	2255				2350		
7		0335	-3.3	22		0455	-3.1
	0745	1045	+1.9		0900	1210	+2.1
SU	1415	1655	-1.1	MO	1545	1835	-1.3
DI	1955	2150	+0.6	LU	2210	2325	+0.3
	2340						
8		0430	-3.6	23	0040	0545	-3.1
	0835	1145	+2.4		0945	1255	+2.2
MO	1520	1800	-1.3	TU	1625	1920	-1.5
LU	2110	2300	+0.6	MA	2305		
9	0035	0525	-3.8	24		0020	+0.3
	0920	1235	+2.9		0130	0625	-3.1
TU	1620	1900	-1.6	WE	1020	1335	+2.4
MA	2215			ME	1705	2005	-1.7
					2345		
10		0000	+0.6	25		0105	+0.3
	0135	0620	-4.0		0225	0710	-3.2
WE	1010	1330	+3.2	TH	1055	1410	+2.5
ME	1705	1950	-2.0	JE	1735	2035	-1.9
	2315						
11		0100	+0.7	26	0020	0150	+0.4
	0240	0710	-4.2		0310	0750	-3.1
TH	1100	1415	+3.5	FR	1130	1440	+2.6
JE	1750	2040	-2.3	VE	1805	2110	-2.1
12	0005	0200	+0.9	27	0055	0230	+0.5
	0345	0805	-4.1		0400	0825	-3.1
FR	1145	1500	+3.5	SA	1200	1515	+2.5
VE	1830	2130	-2.6	SA	1830	2140	-2.2
13	0055	0255	+1.0	28	0125	0305	+0.6
	0450	0900	-3.9		0445	0900	-2.9
SA	1235	1545	+3.4	SU	1235	1540	+2.5
SA	1910	2215	-2.8	DI	1855	2210	-2.4
14	0150	0350	+1.2	29	0155	0345	+0.7
	0550	0950	-3.6		0535	0935	-2.7
SU	1320	1630	+3.2	MO	1305	1610	+2.3
DI	1945	2300	-3.0	LU	1915	2240	-2.5
15	0240	0450	+1.2	30	0230	0425	+0.8
	0655	1045	-3.1		0625	1015	-2.5
MO	1410	1715	+2.8	TU	1340	1640	+2.1
LU	2020	2345	-3.1	MA	1940	2310	-2.6
				31	0305	0510	+1.0
					0720	1055	-2.2
				WE	1420	1710	+1.8
				ME	2000	2340	-2.8

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0345	0600	+1.1	16		0035	-3.1
	0825	1145	-1.8		0435	0720	+1.6
TH	1500	1745	+1.5	FR	1025	1315	-1.4
JE	2025			VE	1635	1850	+0.8
					2055		
2		0025	-2.9	17		0125	-2.9
	0430	0700	+1.2		0535	0825	+1.5
FR	0940	1245	-1.5	SA	1140	1435	-1.1
VE	1550	1825	+1.1	SA	1755	1940	+0.5
	2050				2130		
3		0105	-3.0	18		0220	-2.7
	0520	0800	+1.4		0640	0935	+1.5
SA	1105	1350	-1.2	SU	1300	1555	-1.0
SA	1655	1915	+0.8	DI		2050	+0.2
	2125						
4		0205	-3.1	19		0325	-2.7
	0615	0910	+1.7		0735	1040	+1.6
SU	1235	1515	-1.0	MO	1410	1710	-1.2
DI	1820	2020	+0.6	LU		2205	+0.1
	2205						
5		0300	-3.2	20		0425	-2.7
	0715	1020	+2.0		0830	1135	+1.8
MO	1355	1640	-1.2	TU	1500	1810	-1.4
LU	1950	2135	+0.4	MA		2305	+0.2
	2305						
6		0405	-3.4	21		0520	-2.7
	0810	1125	+2.4		0915	1220	+2.0
TU	1500	1745	-1.4	WE	1545	1850	-1.7
MA	2110	2250	+0.5	ME	2235		
7	0020	0515	-3.6	22		0005	+0.4
	0905	1220	+2.8		0130	0610	-2.8
WE	1550	1845	-1.8	TH	0955	1300	+2.2
ME	2205	2355	+0.7	JE	1620	1925	-1.9
					2310		
8	0140	0610	-3.8	23		0050	+0.6
	0955	1310	+3.0		0230	0650	-2.9
TH	1635	1935	-2.2	FR	1030	1335	+2.3
JE	2255			VE	1645	2000	-2.2
					2335		
9		0055	+1.0	24		0130	+0.8
	0250	0705	-3.9		0325	0730	-2.9
FR	1045	1355	+3.2	SA	1105	1405	+2.3
VE	1715	2020	-2.6	SA	1715	2030	-2.4
	2345						
10		0155	+1.3	25	0005	0205	+1.0
	0400	0800	-3.8		0415	0810	-2.9
SA	1130	1440	+3.2	SU	1140	1435	+2.3
SA	1750	2100	-2.9	DI	1735	2055	-2.6
11	0030	0245	+1.6	26	0030	0245	+1.2
	0505	0850	-3.6		0500	0845	-2.8
SU	1220	1520	+3.0	MO	1210	1505	+2.1
DI	1825	2145	-3.2	LU	1800	2125	-2.7
12	0115	0340	+1.7	27	0100	0325	+1.4
	0605	0940	-3.3		0550	0920	-2.6
MO	1305	1600	+2.7	TU	1245	1530	+1.9
LU	1900	2225	-3.3	MA	1820	2150	-2.9
13	0200	0430	+1.8	28	0130	0400	+1.6
	0705	1030	-2.8		0635	1000	-2.4
TU	1350	1640	+2.3	WE	1325	1600	+1.7
MA	1930	2305	-3.3	ME	1840	2225	-3.0
14	0250	0520	+1.8	29	0205	0445	+1.7
	0805	1120	-2.3		0730	1045	-2.1
WE	1435	1720	+1.8	TH	1405	1635	+1.4
ME	2000	2345	-3.3	JE	1900	2255	-3.1
15	0340	0615	+1.7	30	0250	0530	+1.7
	0910	1215	-1.8		0830	1130	-1.8
TH	1530	1805	+1.3	FR	1450	1710	+1.1
JE	2030			VE	1930	2340	-3.1
				31	0335	0625	+1.8
					0935	1230	-1.5
				SA	1545	1800	+0.8
				SA	2000		

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0030	-3.1	16		0130	-2.4
	0435	0730	+1.8		0545	0845	+1.5
SU	1055	1340	-1.2	MO	1210	1520	-1.2
DI	1705	1855	+0.5	LU		2025	+0.0
	2035						
2		0125	-3.0	17		0240	-2.2
	0540	0845	+1.9		0645	0955	+1.5
MO	1215	1505	-1.2	TU	1315	1635	-1.4
LU	1840	2010	+0.3	MA		2145	+0.0
	2135						
3		0240	-3.0	18		0345	-2.2
	0645	0955	+2.1		0745	1050	+1.6
TU	1330	1625	-1.4	WE	1405	1725	-1.7
MA	2005	2135	+0.3	ME		2255	+0.2
	2255						
4		0350	-3.1	19		0445	-2.3
	0750	1100	+2.3		0835	1135	+1.8
WE	1425	1730	-1.8	TH	1445	1805	-2.0
ME	2105	2250	+0.6	JE	2200	2345	+0.5
5	0030	0505	-3.2	20	0130	0545	-2.4
	0845	1155	+2.5		0920	1215	+1.9
TH	1515	1825	-2.3	FR	1515	1840	-2.3
JE	2155	2355	+1.0	VE	2225		
6	0200	0605	-3.3	21		0030	+0.9
	0940	1245	+2.7		0235	0625	-2.5
FR	1555	1905	-2.7	SA	1000	1250	+1.9
VE	2235			SA	1545	1910	-2.5
					2250		
7		0055	+1.4	22		0110	+1.2
	0310	0700	-3.4		0330	0710	-2.6
SA	1030	1330	+2.7	SU	1035	1325	+1.9
SA	1630	1950	-3.1	DI	1610	1940	-2.8
	2315				2315		
8		0145	+1.8	23		0150	+1.6
	0415	0750	-3.3		0420	0750	-2.6
SU	1120	1410	+2.6	MO	1115	1355	+1.8
DI	1705	2030	-3.4	LU	1635	2010	-3.0
	2355				2345		
9		0235	+2.1	24		0225	+1.9
	0515	0840	-3.2		0510	0830	-2.6
MO	1205	1450	+2.4	TU	1150	1425	+1.7
LU	1735	2105	-3.5	MA	1655	2035	-3.2
10	0040	0325	+2.3	25	0015	0300	+2.1
	0610	0930	-2.9		0555	0910	-2.4
TU	1250	1530	+2.0	WE	1230	1455	+1.5
MA	1805	2140	-3.5	ME	1715	2110	-3.4
11	0120	0410	+2.3	26	0045	0340	+2.3
	0705	1015	-2.5		0645	0950	-2.3
WE	1335	1605	+1.6	TH	1310	1530	+1.3
ME	1830	2225	-3.4	JE	1740	2145	-3.4
12	0205	0455	+2.2	27	0125	0425	+2.4
	0800	1105	-2.1		0735	1035	-2.0
TH	1425	1640	+1.2	FR	1355	1605	+1.0
JE	1900	2300	-3.2	VE	1810	2220	-3.4
13	0250	0545	+2.0	28	0210	0510	+2.4
	0855	1155	-1.7		0830	1130	-1.8
FR	1520	1725	+0.8	SA	1450	1645	+0.7
VE	1925	2345	-2.9	SA	1840	2305	-3.3
14	0345	0640	+1.8	29	0300	0605	+2.3
	0955	1250	-1.4		0935	1230	-1.6
SA	1630	1810	+0.4	SU	1600	1740	+0.5
SA	1950			DI	1915	2355	-3.1
15		0035	-2.7	30	0400	0710	+2.1
	0440	0745	+1.6		1040	1345	-1.5
SU	1100	1405	-1.2	MO	1735	1850	+0.3
DI		1910	+0.1	LU	2005		

+ FLOOD/FLOT DIRECTION 180 TRUE/VRAIE – EBB/JUSANT DIRECTION 005 TRUE/VRAIE

TABLE DES COURANTS

ADMIRALTY INLET HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0110	-2.9	16		0145	-2.0
	0505	0820	+2.1		0545	0855	+1.5
TU	1150	1500	-1.6	WE	1210	1545	-1.7
MA		2020	+0.2	ME		2120	+0.0
2		0225	-2.7	17		0300	-1.8
	0615	0930	+2.1		0645	0950	+1.5
WE	1250	1610	-1.9	TH	1255	1635	-2.0
ME	2005	2140	+0.4	JE	2100	2220	+0.3
	2315				2350		
3		0345	-2.6	18		0410	-1.9
	0725	1035	+2.2		0740	1040	+1.5
TH	1340	1705	-2.4	FR	1335	1715	-2.3
JE	2055	2255	+0.9	VE	2120	2315	+0.7
4	0100	0455	-2.7	19	0125	0505	-1.9
	0825	1125	+2.2		0835	1125	+1.5
FR	1425	1755	-2.8	SA	1405	1750	-2.6
VE	2135	2355	+1.4	SA	2140		
5	0220	0600	-2.8	20		0005	+1.2
	0925	1215	+2.2		0235	0600	-2.1
SA	1505	1840	-3.2	SU	0920	1200	+1.5
SA	2215			DI	1435	1820	-2.9
					2205		
6		0055	+1.9	21		0045	+1.7
	0330	0655	-2.8		0330	0645	-2.2
SU	1015	1300	+2.1	MO	1005	1235	+1.4
DI	1540	1915	-3.5	LU	1500	1855	-3.2
	2250				2235		
7		0135	+2.3	22		0125	+2.1
	0430	0745	-2.8		0425	0730	-2.2
MO	1105	1340	+1.9	TU	1050	1310	+1.3
LU	1610	1955	-3.7	MA	1525	1925	-3.4
	2330				2305		
8		0225	+2.6	23		0205	+2.5
	0525	0830	-2.6		0510	0815	-2.2
TU	1150	1415	+1.6	WE	1135	1345	+1.2
MA	1640	2030	-3.7	ME	1555	2000	-3.7
					2340		
9	0010	0305	+2.7	24		0240	+2.8
	0615	0920	-2.4		0600	0855	-2.2
WE	1240	1455	+1.3	TH	1220	1420	+1.1
ME	1705	2105	-3.6	JE	1620	2035	-3.8
10	0045	0350	+2.6	25	0015	0325	+2.9
	0705	1000	-2.2		0650	0940	-2.1
TH	1330	1530	+1.0	FR	1305	1500	+0.9
JE	1730	2140	-3.4	VE	1655	2115	-3.8
11	0125	0430	+2.5	26	0055	0405	+3.0
	0750	1050	-1.9		0740	1030	-2.0
FR	1420	1610	+0.7	SA	1400	1545	+0.7
VE	1755	2220	-3.2	SA	1725	2155	-3.7
12	0210	0510	+2.2	27	0145	0455	+2.9
	0840	1135	-1.7		0830	1125	-1.9
SA	1520	1650	+0.4	SU	1500	1635	+0.5
SA	1815	2300	-2.8	DI	1805	2245	-3.4
13	0255	0600	+2.0	28	0235	0550	+2.7
	0930	1230	-1.5		0925	1225	-1.9
SU		1740	+0.1	MO	1620	1735	+0.3
DI		2345	-2.5	LU	1855	2345	-3.1
14	0345	0655	+1.7	29	0330	0650	+2.5
	1020	1335	-1.4		1020	1330	-2.0
MO		1840	-0.1	TU		1855	+0.2
LU				MA			
15		0040	-2.2	30		0050	-2.7
	0440	0755	+1.6		0435	0750	+2.3
TU	1115	1445	-1.5	WE	1115	1440	-2.2
MA		2000	-0.2	ME	1855	2020	+0.4
					2145		
				31		0210	-2.4
					0545	0855	+2.1
				TH	1205	1540	-2.5
				JE	1945	2140	+0.7
					2340		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0330	-2.2	16		0320	-1.5
	0655	0955	+1.9		0640	0935	+1.3
FR	1250	1635	-2.9	SA	1215	1620	-2.5
VE	2030	2255	+1.3	SA	2030	2245	+0.9
2	0120	0445	-2.1	17	0110	0430	-1.5
	0800	1050	+1.8		0740	1020	+1.2
SA	1335	1725	-3.2	SU	1250	1655	-2.8
SA	2110	2350	+1.8	DI	2055	2335	+1.4
3	0240	0555	-2.2	18	0225	0530	-1.9
	0905	1145	+1.6		0840	1105	+1.1
SU	1410	1805	-3.5	MO	1320	1735	-3.2
DI	2150			LU	2125		
4		0040	+2.3	19		0020	+2.0
	0345	0645	-2.2		0325	0625	-1.7
MO	1000	1230	+1.4	TU	0935	1150	+1.0
LU	1445	1845	-3.7	MA	1350	1810	-3.5
	2230				2200		
5		0130	+2.6	20		0100	+2.5
	0440	0740	-2.2		0420	0715	-1.8
TU	1055	1310	+1.2	WE	1030	1230	+0.9
MA	1515	1925	-3.8	ME	1425	1850	-3.8
	2305				2235		
6		0215	+2.8	21		0145	+2.9
	0530	0825	-2.1		0510	0800	-2.0
WE	1150	1350	+1.0	TH	1120	1315	+0.8
ME	1545	2000	-3.7	JE	1500	1925	-4.0
	2345				2310		
7		0250	+2.9	22		0225	+3.2
	0615	0910	-2.1		0600	0845	-2.0
TH	1240	1430	+0.8	FR	1210	1355	+0.8
JE	1610	2035	-3.6	VE	1540	2005	-4.1
					2355		
8	0020	0330	+2.8	23		0310	+3.3
	0700	0955	-1.9		0645	0935	-2.1
FR	1330	1505	+0.5	SA	1300	1445	+0.7
VE	1640	2110	-3.4	SA	1620	2055	-4.0
9	0055	0410	+2.6	24	0035	0355	+3.4
	0740	1035	-1.8		0730	1025	-2.2
SA	1425	1545	+0.3	SU	1355	1535	+0.6
SA	1700	2145	-3.1	DI	1710	2140	-3.8
10	0135	0445	+2.5	25	0125	0440	+3.3
	0820	1125	-1.7		0820	1115	-2.2
SU		1625	+0.1	MO	1500	1630	+0.5
DI		2225	-2.8	LU	1805	2235	-3.5
11	0215	0530	+2.2	26	0215	0530	+3.0
	0900	1210	-1.7		0905	1210	-2.3
MO		1715	+0.0	TU	1610	1735	+0.5
LU		2305	-2.5	MA	1905	2330	-3.0
12	0255	0615	+2.0	27	0310	0625	+2.7
	0940	1300	-1.7		0950	1310	-2.5
TU		1810	-0.1	WE	1720	1850	+0.5
MA		2355	-2.2	ME	2030		
13	0345	0700	+1.8	28		0040	-2.5
	1025	1400	-1.8		0410	0725	+2.3
WE		1925	-0.1	TH	1035	1410	-2.7
ME				JE	1820	2015	+0.7
					2210		
14		0055	-1.8	29		0155	-2.1
	0435	0750	+1.6		0515	0820	+2.0
TH	1105	1450	-2.0	FR	1115	1505	-3.0
JE		2040	+0.0	VE	1915	2130	+1.1
					2355		
15		0205	-1.6	30		0315	-1.7
	0535	0845	+1.4		0625	0915	+1.6
FR	1140	1535	-2.2	SA	1155	1600	-3.2
VE	2010	2150	+0.4	SA	2000	2240	+1.6
	2330						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0135	0435	-1.6	16	0050	0345	-1.1
	0735	1015	+1.3		0645	0915	+0.9
SU	1235	1650	-3.5	MO	1130	1600	-3.0
DI	2045	2340	+2.0	LU	2010	2300	+1.6
2	0250	0540	-1.6	17	0210	0455	-1.2
	0850	1105	+1.1		0800	1005	+0.7
MO	1315	1735	-3.6	TU	1205	1650	-3.3
LU	2130			MA	2050	2350	+2.1
3		0030	+2.4	18	0320	0600	-1.3
	0355	0640	-1.7		0910	1105	+0.6
TU	0955	1155	+0.8	WE	1245	1730	-3.6
MA	1350	1820	-3.7	ME	2130		
	2210						
4		0120	+2.7	19		0040	+2.6
	0445	0735	-1.8		0415	0655	-1.6
WE	1055	1245	+0.7	TH	1010	1200	+0.6
ME	1425	1900	-3.7	JE	1335	1820	-3.9
	2245				2210		
5		0200	+2.8	20		0125	+3.0
	0530	0820	-1.8		0505	0745	-1.8
TH	1150	1325	+0.5	FR	1105	1245	+0.7
JE	1500	1940	-3.6	VE	1425	1905	-4.1
	2325				2255		
6		0235	+2.9	21		0210	+3.4
	0610	0905	-1.8		0550	0835	-2.0
FR	1240	1405	+0.4	SA	1155	1340	+0.7
VE	1530	2015	-3.5	SA	1520	1955	-4.2
	2355				2335		
7		0315	+2.8	22		0255	+3.5
	0650	0945	-1.9		0630	0925	-2.3
SA	1330	1445	+0.3	SU	1250	1435	+0.8
SA	1600	2050	-3.3	DI	1615	2045	-4.1
8	0035	0350	+2.7	23	0025	0340	+3.5
	0725	1025	-1.9		0710	1005	-2.5
SU		1525	+0.2	MO	1340	1530	+0.9
DI		2125	-3.1	LU	1715	2130	-3.9
9	0105	0425	+2.6	24	0110	0425	+3.4
	0755	1100	-1.9		0750	1055	-2.7
MO		1605	+0.1	TU	1435	1630	+0.9
LU		2200	-2.8	MA	1820	2225	-3.5
10	0140	0500	+2.4	25	0155	0510	+3.1
	0830	1145	-2.0		0830	1145	-2.8
TU		1650	+0.1	WE	1535	1730	+0.9
MA		2235	-2.5	ME	1925	2325	-2.9
11	0220	0535	+2.2	26	0250	0555	+2.7
	0900	1220	-2.0		0910	1240	-3.0
WE		1745	+0.0	TH	1635	1840	+1.0
ME		2325	-2.2	JE	2045		
12	0300	0615	+2.0	27		0025	-2.4
	0930	1300	-2.1		0340	0645	+2.2
TH		1845	+0.1	FR	0945	1330	-3.1
JE				VE	1735	1955	+1.1
					2215		
13		0010	-1.8	28		0135	-1.8
	0340	0655	+1.7		0445	0740	+1.7
FR	1000	1345	-2.3	SA	1025	1425	-3.2
VE	1830	1950	+0.3	SA	1835	2105	+1.4
	2115				2355		
14		0115	-1.5	29		0250	-1.4
	0435	0735	+1.4		0555	0835	+1.2
SA	1030	1430	-2.5	SU	1100	1520	-3.3
SA	1900	2055	+0.6	DI	1930	2220	+1.7
	2305						
15		0230	-1.2	30	0130	0420	-1.2
	0535	0825	+1.1		0715	0935	+0.9
SU	1100	1515	-2.7	MO	1140	1615	-3.4
DI	1935	2205	+1.0	LU	2020	2320	+2.0
				31	0250	0535	-1.3
					0840	1035	+0.6
				TU	1220	1705	-3.4
				MA	2105		

+ FLOOD/FLOT DIRECTION 180 TRUE/VRAIE – EBB/JUSANT DIRECTION 005 TRUE/VRAIE

DECEPTION PASS PST Z+8

CURRENT TABLES

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0015	+7.2	16		0045	+6.4
	0400	0635	-7.1		0425	0700	-6.7
TU	1010	1235	+4.8	WE	1045	1300	+4.5
MA	1505	1825	-7.8	ME	1545	1845	-7.0
	2140				2205		
2		0105	+7.3	17		0120	+6.5
	0445	0725	-7.4		0455	0735	-6.9
WE	1100	1325	+5.1	TH	1115	1335	+4.7
ME	1605	1920	-7.7	JE	1620	1930	-7.1
	2230				2235		
3		0155	+7.2	18		0155	+6.5
	0530	0810	-7.5		0525	0810	-7.1
TH	1145	1415	+5.3	FR	1145	1420	+4.9
JE	1700	2010	-7.6	VE	1700	2010	-7.1
	2320				2310		
4		0240	+7.0	19		0235	+6.4
	0610	0900	-7.6		0555	0850	-7.2
FR	1235	1505	+5.4	SA	1215	1455	+5.1
VE	1800	2100	-7.3	SA	1740	2050	-7.0
					2345		
5	0010	0325	+6.7	20		0310	+6.2
	0650	0945	-7.5		0620	0925	-7.2
SA	1320	1555	+5.4	SU	1245	1535	+5.2
SA	1900	2150	-6.9	DI	1825	2130	-6.7
6	0100	0415	+6.2	21	0020	0350	+5.9
	0730	1030	-7.4		0650	1005	-7.2
SU	1410	1650	+5.3	MO	1315	1620	+5.2
DI	2000	2245	-6.4	LU	1910	2215	-6.4
7	0150	0500	+5.7	22	0100	0430	+5.4
	0815	1115	-7.2		0720	1040	-7.0
MO	1500	1745	+5.2	TU	1350	1705	+5.2
LU	2110	2340	-5.9	MA	2010	2310	-6.0
8	0250	0550	+5.0	23	0145	0515	+4.9
	0855	1205	-6.9		0750	1125	-6.9
TU	1550	1840	+5.2	WE	1435	1800	+5.2
MA	2220			ME	2120		
9		0040	-5.4	24		0005	-5.5
	0400	0645	+4.4		0245	0610	+4.2
WE	0940	1300	-6.7	TH	0830	1220	-6.7
ME	1645	1945	+5.2	JE	1530	1905	+5.3
	2335				2240		
10		0145	-5.0	25		0110	-5.2
	0515	0745	+3.9		0405	0710	+3.6
TH	1030	1350	-6.5	FR	0925	1320	-6.6
JE	1740	2040	+5.2	VE	1640	2010	+5.5
11	0040	0255	-5.0	26	0005	0225	-5.2
	0635	0845	+3.5		0600	0820	+3.4
FR	1130	1450	-6.4	SA	1030	1425	-6.6
VE	1835	2145	+5.4	SA	1750	2115	+5.8
12	0140	0405	-5.2	27	0115	0340	-5.6
	0745	0945	+3.4		0725	0935	+3.5
SA	1230	1545	-6.4	SU	1155	1530	-6.8
SA	1925	2235	+5.7	DI	1900	2220	+6.3
13	0230	0505	-5.6	28	0215	0445	-6.2
	0840	1045	+3.6		0825	1040	+4.1
SU	1325	1635	-6.5	MO	1315	1635	-7.2
DI	2010	2325	+6.0	LU	2000	2315	+6.7
14	0310	0550	-6.0	29	0300	0540	-6.8
	0925	1135	+3.8		0915	1135	+4.7
MO	1415	1725	-6.7	TU	1420	1730	-7.5
LU	2050			MA	2050		
15		0005	+6.2	30		0005	+7.0
	0350	0625	-6.4		0345	0625	-7.3
TU	1005	1215	+4.2	WE	1000	1225	+5.3
MA	1500	1810	-6.9	ME	1520	1820	-7.8
	2130				2140		
				31		0050	+7.2
					0425	0710	-7.7
				TH	1040	1315	+5.8
				JE	1610	1910	-7.9
					2225		

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0135	+7.2	16		0130	+6.6
	0500	0750	-7.9		0450	0740	-7.6
FR	1120	1400	+6.0	SA	1100	1350	+5.9
VE	1700	1955	-7.8	SA	1645	1950	-7.5
	2310				2255		
2		0215	+7.0	17		0205	+6.5
	0535	0825	-7.9		0515	0810	-7.6
SA	1155	1440	+6.1	SU	1125	1425	+6.0
SA	1745	2040	-7.6	DI	1720	2025	-7.4
	2350				2325		
3		0255	+6.6	18		0240	+6.2
	0610	0910	-7.8		0535	0845	-7.6
SU	1235	1525	+6.1	MO	1150	1500	+6.1
DI	1835	2125	-7.2	LU	1800	2105	-7.2
					2355		
4	0030	0335	+6.1	19		0315	+5.8
	0645	0950	-7.6		0600	0920	-7.5
MO	1315	1610	+5.9	TU	1225	1545	+6.0
LU	1925	2210	-6.6	MA	1845	2150	-6.7
5	0115	0420	+5.5	20	0035	0350	+5.2
	0715	1030	-7.2		0630	1005	-7.2
TU	1355	1700	+5.5	WE	1300	1630	+5.8
MA	2020	2300	-5.9	ME	1940	2240	-6.2
6	0200	0505	+4.7	21	0120	0440	+4.5
	0750	1115	-6.7		0705	1045	-6.9
WE	1445	1750	+5.1	TH	1345	1725	+5.5
ME	2130	2355	-5.2	JE	2050	2340	-5.5
7	0300	0555	+3.8	22	0220	0535	+3.7
	0830	1205	-6.2		0745	1140	-6.5
TH	1540	1850	+4.8	FR	1445	1830	+5.3
JE	2250			VE	2220		
8		0100	-4.6	23		0050	-5.1
	0445	0700	+3.0		0410	0650	+3.0
FR	0920	1310	-5.8	SA	0845	1255	-6.1
VE	1655	2005	+4.7	SA	1605	1945	+5.3
					2350		
9	0010	0220	-4.4	24		0210	-5.1
	0625	0815	+2.6		0615	0815	+2.9
SA	1050	1415	-5.6	SU	1025	1410	-6.1
SA	1805	2115	+4.9	DI	1740	2105	+5.6
10	0115	0355	-4.8	25	0100	0335	-5.7
	0740	0930	+2.8		0725	0930	+3.6
SU	1220	1520	-5.8	MO	1215	1525	-6.4
DI	1905	2220	+5.3	LU	1855	2210	+6.1
11	0205	0505	-5.5	26	0155	0440	-6.4
	0830	1035	+3.5		0815	1040	+4.5
MO	1325	1620	-6.1	TU	1330	1630	-7.0
LU	1955	2305	+5.7	MA	1955	2305	+6.5
12	0245	0535	-6.1	27	0240	0525	-7.1
	0905	1125	+4.1		0855	1130	+5.3
TU	1415	1710	-6.6	WE	1430	1725	-7.4
MA	2040	2345	+6.1	ME	2050	2350	+6.8
13	0320	0605	-6.6	28	0320	0605	-7.6
	0940	1205	+4.7		0935	1215	+6.0
WE	1500	1755	-6.9	TH	1520	1810	-7.8
ME	2115			JE	2135		
14		0020	+6.4				
	0355	0635	-7.1				
TH	1010	1240	+5.2				
JE	1535	1830	-7.3				
	2150						
15		0055	+6.6				
	0420	0710	-7.4				
FR	1035	1315	+5.6				
VE	1610	1910	-7.4				
	2220						

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0035	+6.9	16		0025	+6.4
	0355	0640	-7.9		0335	0630	-7.7
FR	1010	1255	+6.4	SA	0950	1245	+6.3
VE	1605	1855	-7.9	SA	1550	1845	-7.6
	2215				2200		
2		0110	+6.9	17		0055	+6.4
	0425	0720	-8.1		0400	0700	-7.9
SA	1045	1335	+6.6	SU	1015	1320	+6.6
SA	1645	1935	-7.9	DI	1625	1925	-7.7
	2255				2230		
3		0150	+6.6	18		0135	+6.2
	0455	0755	-8.1		0425	0735	-7.9
SU	1115	1415	+6.7	MO	1040	1355	+6.7
DI	1725	2015	-7.6	LU	1705	2000	-7.6
	2330				2305		
4		0225	+6.2	19		0210	+5.9
	0525	0830	-7.9		0450	0810	-7.8
MO	1145	1450	+6.5	TU	1110	1435	+6.7
LU	1810	2055	-7.2	MA	1745	2040	-7.3
					2340		
5	0005	0305	+5.7	20		0245	+5.4
	0555	0905	-7.5		0520	0845	-7.6
TU	1220	1530	+6.1	WE	1145	1515	+6.5
MA	1850	2135	-6.6	ME	1830	2125	-6.8
6	0040	0345	+5.0	21	0025	0330	+4.8
	0620	0945	-7.1		0550	0930	-7.2
WE	1255	1615	+5.7	TH	1225	1600	+6.1
ME	1940	2225	-5.9	JE	1925	2220	-6.2
7	0125	0425	+4.1	22	0115	0420	+4.0
	0650	1030	-6.4		0630	1020	-6.7
TH	1335	1710	+5.1	FR	1315	1700	+5.7
JE	2045	2320	-5.1	VE	2040	2320	-5.6
8	0230	0520	+3.2	23	0240	0525	+3.2
	0730	1120	-5.8		0725	1120	-6.1
FR	1430	1810	+4.6	SA	1420	1810	+5.3
VE	2210			SA	2205		
9		0025	-4.5	24		0040	-5.3
	0435	0630	+2.4		0445	0645	+2.8
SA	0825	1230	-5.2	SU	0850	1240	-5.7
SA	1555	1925	+4.4	DI	1555	1935	+5.3
	2335				2330		
10		0145	-4.4	25		0205	-5.5
	0615	0755	+2.2		0610	0815	+3.3
SU	1035	1345	-5.0	MO	1105	1405	-5.8
DI	1730	2040	+4.6	LU	1735	2050	+5.5
11	0040	0325	-5.0	26	0035	0320	-6.2
	0720	0925	+2.9		0705	0930	+4.3
MO	1220	1500	-5.3	TU	1230	1520	-6.3
LU	1840	2150	+5.0	MA	1850	2155	+5.9
12	0130	0425	-5.7	27	0125	0415	-6.9
	0800	1020	+3.8		0750	1025	+5.2
TU	1320	1605	-5.9	WE	1335	1620	-6.9
MA	1930	2235	+5.5	ME	1945	2245	+6.2
13	0205	0455	-6.4	28	0205	0455	-7.4
	0830	1100	+4.7		0825	1110	+6.0
WE	1405	1650	-6.5	TH	1425	1715	-7.3
ME	2015	2315	+6.0	JE	2035	2325	+6.4
14	0240	0525	-6.9	29	0240	0535	-7.8
	0900	1135	+5.3		0900	1155	+6.5
TH	1445	1730	-7.0	FR	1510	1750	-7.6
JE	2050	2350	+6.2	VE	2115		
15	0310	0555	-7.4	30		0005	+6.4
	0925	1210	+5.9		0315	0610	-8.0
FR	1520	1810	-7.4	SA	0935	1230	+6.8
VE	2125			SA	1550	1835	-7.7
					2155		
				31		0045	+6.3
					0345	0645	-8.1
				SU	1005	1305	+6.9
				DI	1630	1910	-7.6
					2235		

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE

- EBB/JUSANT DIRECTION 270 TRUE/VRAIE

DECEPTION PASS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0120	+6.0	16		0100	+5.7
	0415	0720	-8.0		0340	0700	-8.0
MO	1035	1340	+6.8	TU	1000	1325	+7.1
LU	1705	1950	-7.3	MA	1650	1940	-7.4
	2310				2250		
2		0155	+5.6	17		0140	+5.4
	0440	0755	-7.7		0410	0740	-7.8
TU	1105	1420	+6.6	WE	1035	1410	+7.0
MA	1745	2030	-6.9	ME	1735	2025	-7.2
	2345				2335		
3		0230	+5.0	18		0225	+4.9
	0505	0830	-7.3		0445	0820	-7.5
WE	1135	1500	+6.2	TH	1115	1455	+6.7
ME	1825	2110	-6.4	JE	1825	2115	-6.8
4	0025	0310	+4.3	19	0025	0315	+4.3
	0535	0910	-6.7		0525	0905	-7.1
TH	1205	1540	+5.7	FR	1205	1545	+6.4
JE	1915	2155	-5.8	VE	1925	2210	-6.3
5	0115	0400	+3.5	20	0140	0415	+3.7
	0605	0955	-6.1		0620	1005	-6.5
FR	1245	1635	+5.2	SA	1300	1650	+5.9
VE	2010	2255	-5.2	SA	2030	2315	-6.0
6	0235	0455	+2.7	21	0315	0525	+3.3
	0650	1050	-5.4		0735	1115	-6.0
SA	1335	1735	+4.7	SU	1415	1800	+5.6
SA	2130	2355	-4.9	DI	2145		
7	0430	0610	+2.2	22		0025	-6.0
	0810	1200	-4.8		0440	0645	+3.4
SU	1455	1845	+4.4	MO	0935	1235	-5.7
DI	2245			LU	1550	1910	+5.4
					2255		
8		0115	-5.0	23		0145	-6.3
	0545	0735	+2.5		0540	0805	+4.1
MO	1035	1315	-4.7	TU	1115	1350	-5.8
LU	1645	2000	+4.5	MA	1720	2020	+5.5
	2345				2350		
9		0230	-5.5	24		0250	-6.7
	0635	0850	+3.4		0630	0910	+5.0
TU	1200	1430	-5.2	WE	1225	1505	-6.3
MA	1800	2100	+4.9	ME	1825	2125	+5.7
10	0035	0325	-6.1	25	0040	0335	-7.2
	0715	0940	+4.3		0715	1000	+5.8
WE	1255	1525	-5.8	TH	1320	1600	-6.7
ME	1855	2150	+5.3	JE	1925	2210	+5.8
11	0115	0405	-6.7	26	0120	0420	-7.5
	0745	1020	+5.1		0750	1045	+6.3
TH	1340	1615	-6.4	FR	1410	1650	-7.0
JE	1940	2230	+5.6	VE	2015	2255	+5.8
12	0150	0440	-7.2	27	0200	0500	-7.8
	0810	1100	+5.8		0825	1125	+6.7
FR	1415	1655	-6.9	SA	1455	1735	-7.2
VE	2020	2310	+5.9	SA	2055	2335	+5.7
13	0215	0515	-7.5	28	0235	0535	-7.8
	0840	1135	+6.3		0900	1205	+6.9
SA	1455	1740	-7.3	SU	1535	1810	-7.2
SA	2055	2345	+6.0	DI	2140		
14	0245	0550	-7.8	29		0010	+5.5
	0905	1210	+6.7		0305	0610	-7.8
SU	1530	1815	-7.5	MO	0930	1240	+6.9
DI	2135			LU	1615	1850	-7.1
					2220		
15		0025	+5.9	30		0050	+5.2
	0310	0625	-8.0		0330	0645	-7.6
MO	0930	1250	+7.0	TU	1000	1315	+6.8
LU	1610	1855	-7.6	MA	1655	1930	-6.9
	2210				2255		

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0130	+4.8	16		0120	+4.8
	0400	0725	-7.3		0340	0715	-7.7
WE	1030	1355	+6.5	TH	1015	1350	+7.1
ME	1730	2010	-6.6	JE	1730	2015	-7.1
	2340				2340		
2		0210	+4.3	17		0210	+4.5
	0430	0800	-6.9		0430	0805	-7.4
TH	1100	1435	+6.2	FR	1105	1445	+6.9
JE	1815	2055	-6.2	VE	1820	2105	-6.9
3	0025	0255	+3.7	18	0040	0305	+4.2
	0505	0845	-6.4		0525	0900	-7.0
FR	1135	1520	+5.8	SA	1155	1540	+6.6
VE	1900	2140	-5.9	SA	1915	2205	-6.7
4	0125	0345	+3.2	19	0150	0410	+4.0
	0545	0930	-5.9		0635	0955	-6.6
SA	1215	1610	+5.3	SU	1255	1635	+6.2
SA	1950	2235	-5.6	DI	2015	2305	-6.7
5	0245	0445	+2.8	20	0300	0515	+4.1
	0645	1030	-5.3		0800	1105	-6.2
SU	1305	1710	+5.0	MO	1410	1740	+5.9
DI	2050	2335	-5.5	LU	2115		
6	0355	0550	+2.7	21		0005	-6.7
	0815	1135	-5.0		0405	0625	+4.4
MO	1415	1805	+4.8	TU	0935	1215	-5.9
LU	2150			MA	1530	1840	+5.6
					2210		
7		0035	-5.7	22		0110	-6.9
	0455	0700	+3.2		0500	0735	+4.9
TU	1000	1240	-4.9	WE	1055	1330	-5.9
MA	1545	1910	+4.8	ME	1650	1945	+5.4
	2245				2305		
8		0135	-6.0	23		0205	-7.1
	0540	0800	+3.9		0550	0835	+5.4
WE	1120	1345	-5.2	TH	1205	1435	-6.1
ME	1700	2005	+4.9	JE	1755	2040	+5.3
	2330				2350		
9		0225	-6.4	24		0255	-7.3
	0615	0850	+4.7		0635	0925	+5.9
TH	1215	1445	-5.7	FR	1300	1535	-6.3
JE	1805	2100	+5.0	VE	1855	2135	+5.1
10	0010	0310	-6.9	25	0035	0340	-7.4
	0650	0935	+5.4		0715	1015	+6.3
FR	1305	1535	-6.2	SA	1350	1620	-6.4
VE	1855	2145	+5.2	SA	1950	2220	+5.0
11	0045	0350	-7.2	26	0115	0420	-7.5
	0720	1020	+6.0		0755	1100	+6.5
SA	1345	1620	-6.6	SU	1440	1710	-6.5
SA	1940	2225	+5.3	DI	2040	2305	+4.8
12	0120	0430	-7.6	27	0150	0500	-7.5
	0750	1100	+6.5		0830	1140	+6.6
SU	1430	1705	-6.9	MO	1520	1750	-6.5
DI	2025	2305	+5.3	LU	2125	2345	+4.6
13	0150	0510	-7.8	28	0225	0540	-7.4
	0820	1140	+6.9		0905	1220	+6.6
MO	1510	1750	-7.1	TU	1605	1835	-6.5
LU	2110	2350	+5.2	MA	2210		
14	0225	0550	-7.9	29		0025	+4.4
	0855	1220	+7.1		0300	0620	-7.2
TU	1555	1835	-7.2	WE	0940	1300	+6.5
MA	2155			ME	1645	1915	-6.4
					2255		
15		0035	+5.1	30		0110	+4.1
	0300	0630	-7.9		0335	0700	-7.0
WE	0935	1305	+7.2	TH	1010	1340	+6.4
ME	1640	1925	-7.2	JE	1725	1955	-6.4
	2245				2340		
				31		0155	+3.8
					0415	0745	-6.7
				FR	1045	1420	+6.2
				VE	1805	2040	-6.3

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0030	0240	+3.6	16	0035	0300	+4.7
	0455	0825	-6.4		0535	0850	-7.2
SA	1120	1505	+5.9	SU	1155	1525	+6.8
SA	1845	2125	-6.2	DI	1900	2145	-7.3
2	0120	0330	+3.5	17	0130	0355	+4.8
	0545	0915	-6.0		0645	0950	-6.9
SU	1205	1550	+5.7	MO	1255	1615	+6.5
DI	1925	2215	-6.2	LU	1945	2240	-7.3
3	0215	0425	+3.5	18	0225	0455	+5.0
	0645	1005	-5.7		0755	1050	-6.6
MO	1250	1640	+5.4	TU	1355	1710	+6.0
LU	2010	2305	-6.2	MA	2035	2335	-7.2
4	0305	0515	+3.6	19	0320	0555	+5.1
	0755	1105	-5.5		0910	1150	-6.2
TU	1345	1730	+5.2	WE	1500	1805	+5.6
MA	2050	2355	-6.3	ME	2120		
5	0350	0615	+4.0	20		0025	-7.2
	0915	1200	-5.3		0410	0655	+5.3
WE	1445	1820	+5.0	TH	1025	1250	-5.9
ME	2135			JE	1610	1900	+5.1
					2210		
6		0040	-6.5	21		0115	-7.1
	0430	0710	+4.4		0505	0755	+5.5
TH	1025	1300	-5.4	FR	1135	1355	-5.7
JE	1555	1910	+4.8	VE	1720	2000	+4.7
	2215				2300		
7		0130	-6.7	22		0210	-7.1
	0510	0800	+5.0		0555	0850	+5.7
FR	1130	1400	-5.6	SA	1235	1500	-5.7
VE	1700	2005	+4.7	SA	1830	2055	+4.4
	2255				2345		
8		0220	-6.9	23		0300	-7.0
	0550	0850	+5.5		0640	0945	+5.9
SA	1225	1455	-5.8	SU	1335	1600	-5.7
SA	1805	2055	+4.6	DI	1930	2145	+4.1
	2335						
9		0305	-7.2	24	0035	0345	-7.0
	0625	0940	+6.0		0725	1035	+6.1
SU	1320	1550	-6.1	MO	1425	1650	-5.8
DI	1905	2145	+4.6	LU	2030	2240	+4.0
10	0020	0350	-7.4	25	0120	0435	-6.9
	0710	1030	+6.5		0810	1120	+6.2
MO	1410	1640	-6.4	TU	1510	1740	-6.0
LU	2005	2235	+4.6	MA	2120	2325	+3.9
11	0105	0435	-7.6	26	0205	0520	-6.9
	0750	1115	+6.8		0850	1205	+6.3
TU	1500	1730	-6.7	WE	1555	1820	-6.2
MA	2100	2325	+4.6	ME	2210		
12	0150	0525	-7.7	27		0015	+3.9
	0835	1205	+7.1		0250	0605	-6.9
WE	1545	1820	-6.9	TH	0925	1245	+6.3
ME	2155			JE	1630	1905	-6.3
					2250		
13		0015	+4.6	28		0100	+4.0
	0240	0615	-7.7		0335	0650	-6.8
TH	0920	1250	+7.2	FR	1005	1325	+6.3
JE	1635	1915	-7.1	VE	1710	1945	-6.5
	2245				2330		
14		0110	+4.6	29		0145	+4.1
	0335	0705	-7.7		0415	0730	-6.7
FR	1010	1340	+7.2	SA	1040	1405	+6.3
VE	1720	2005	-7.2	SA	1745	2020	-6.6
	2340						
15		0205	+4.7	30	0010	0225	+4.2
	0430	0755	-7.5		0500	0815	-6.6
SA	1100	1435	+7.0	SU	1115	1445	+6.2
SA	1810	2055	-7.2	DI	1815	2105	-6.7

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE - EBB/JUSANT DIRECTION 270 TRUE/VRAIE

DECEPTION PASS PST Z+8

1991

JULY-JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0045	0310	+4.3	16	0050	0330	+5.7
	0545	0900	-6.5		0635	0930	-7.3
MO	1150	1525	+6.0	TU	1235	1550	+6.5
LU	1850	2145	-6.8	MA	1905	2205	-7.6
2	0120	0355	+4.4	17	0140	0425	+5.7
	0635	0945	-6.3		0735	1020	-6.8
TU	1230	1605	+5.8	WE	1330	1635	+6.0
MA	1920	2225	-6.8	ME	1945	2250	-7.4
3	0200	0440	+4.5	18	0225	0515	+5.6
	0725	1030	-6.0		0835	1115	-6.3
WE	1315	1650	+5.4	TH	1425	1725	+5.3
ME	1955	2310	-6.8	JE	2030	2340	-7.2
4	0235	0525	+4.7	19	0320	0610	+5.5
	0825	1120	-5.8		0945	1210	-5.7
TH	1400	1735	+5.0	FR	1530	1820	+4.6
JE	2025	2350	-6.8	VE	2110		
5	0315	0620	+4.9	20		0030	-6.9
	0930	1215	-5.5		0415	0710	+5.3
FR	1455	1825	+4.6	SA	1100	1315	-5.2
VE	2105			SA	1645	1915	+4.0
					2200		
6		0040	-6.8	21		0125	-6.6
	0400	0715	+5.1		0510	0815	+5.3
SA	1040	1315	-5.4	SU	1210	1425	-5.0
SA	1605	1920	+4.2	DI	1810	2020	+3.5
	2145				2300		
7		0130	-6.8	22		0220	-6.4
	0450	0810	+5.4		0610	0920	+5.4
SU	1150	1415	-5.4	MO	1315	1535	-5.1
DI	1725	2015	+3.9	LU	1925	2125	+3.3
	2235						
8		0220	-6.9	23	0005	0320	-6.3
	0545	0905	+5.8		0705	1015	+5.6
MO	1300	1520	-5.6	TU	1410	1650	-5.5
LU	1850	2115	+3.8	MA	2025	2225	+3.4
	2335						
9		0320	-7.0	24	0110	0420	-6.4
	0640	1005	+6.2		0755	1105	+5.9
TU	1355	1620	-6.0	WE	1455	1740	-5.9
MA	2000	2215	+4.0	ME	2110	2320	+3.8
10	0035	0415	-7.2	25	0205	0505	-6.6
	0735	1100	+6.6		0840	1150	+6.1
WE	1450	1720	-6.4	TH	1535	1815	-6.3
ME	2100	2315	+4.3	JE	2155		
11	0140	0510	-7.5	26		0005	+4.2
	0825	1150	+6.9		0255	0555	-6.8
TH	1535	1815	-6.9	FR	0920	1230	+6.3
JE	2150			VE	1610	1850	-6.6
					2230		
12		0010	+4.7	27		0050	+4.5
	0240	0605	-7.6		0335	0635	-6.9
FR	0920	1240	+7.1	SA	0955	1305	+6.4
VE	1620	1900	-7.3	SA	1640	1920	-6.9
	2235				2300		
13		0100	+5.0	28		0125	+4.8
	0340	0655	-7.7		0415	0715	-7.0
SA	1010	1330	+7.2	SU	1030	1340	+6.5
SA	1705	1950	-7.5	DI	1710	1955	-7.1
	2320				2330		
14		0155	+5.4	29		0200	+5.1
	0440	0750	-7.7		0450	0755	-7.1
SU	1100	1415	+7.1	MO	1100	1415	+6.4
DI	1745	2035	-7.7	LU	1740	2030	-7.2
					2355		
15	0005	0240	+5.6	30		0240	+5.2
	0535	0835	-7.6		0530	0835	-7.0
MO	1150	1500	+6.9	TU	1135	1455	+6.2
LU	1825	2120	-7.7	MA	1805	2105	-7.2
				31	0025	0320	+5.3
					0610	0915	-6.8
				WE	1205	1530	+5.9
				ME	1830	2140	-7.2

AUGUST-AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0055	0400	+5.3	16	0130	0435	+5.8
	0650	0955	-6.5		0800	1040	-6.2
TH	1240	1610	+5.4	FR	1345	1645	+4.8
JE	1855	2220	-7.0	VE	1930	2255	-6.9
2	0125	0440	+5.3	17	0220	0525	+5.4
	0745	1045	-6.1		0905	1135	-5.5
FR	1325	1650	+4.9	SA	1450	1740	+3.9
VE	1930	2305	-6.8	SA	2010	2345	-6.4
3	0205	0535	+5.2	18	0315	0630	+5.0
	0845	1140	-5.6		1025	1240	-4.8
SA	1415	1740	+4.2	SU	1625	1840	+3.1
SA	2005	2350	-6.6	DI	2105		
4	0255	0630	+5.2	19		0045	-5.9
	1005	1240	-5.2		0430	0740	+4.8
SU	1525	1840	+3.6	MO	1145	1355	-4.6
DI	2050			LU	1805	1955	+2.7
					2235		
5		0050	-6.5	20		0155	-5.6
	0400	0735	+5.3		0545	0855	+4.9
MO	1130	1350	-5.1	TU	1255	1545	-4.9
LU	1715	1950	+3.2	MA	1920	2115	+2.9
	2155						
6		0155	-6.4	21	0005	0305	-5.7
	0510	0845	+5.6		0650	1005	+5.3
TU	1245	1505	-5.3	WE	1345	1650	-5.6
MA	1855	2100	+3.3	ME	2010	2220	+3.5
	2315						
7		0300	-6.6	22	0115	0405	-6.1
	0625	0950	+6.0		0740	1050	+5.7
WE	1345	1610	-5.9	TH	1425	1725	-6.2
ME	2000	2210	+3.9	JE	2050	2315	+4.2
8	0040	0405	-6.9	23	0205	0455	-6.5
	0730	1050	+6.5		0825	1130	+6.0
TH	1435	1710	-6.6	FR	1500	1750	-6.6
JE	2050	2305	+4.6	VE	2120	2350	+4.8
9	0155	0505	-7.3	24	0250	0540	-6.9
	0825	1140	+6.8		0900	1205	+6.3
FR	1520	1800	-7.2	SA	1535	1815	-7.0
VE	2135			SA	2150		
10		0000	+5.3	25		0025	+5.3
	0250	0555	-7.7		0325	0620	-7.2
SA	0915	1225	+7.1	SU	0935	1240	+6.4
SA	1600	1845	-7.6	DI	1605	1850	-7.3
	2210				2220		
11		0050	+5.8	26		0100	+5.7
	0345	0645	-7.9		0400	0655	-7.4
SU	1005	1310	+7.1	MO	1010	1315	+6.5
DI	1635	1925	-7.9	LU	1630	1920	-7.5
	2250				2240		
12		0135	+6.2	27		0130	+5.9
	0435	0735	-7.9		0435	0730	-7.4
MO	1050	1355	+7.0	TU	1040	1345	+6.3
LU	1710	2005	-8.0	MA	1655	1955	-7.6
	2330				2305		
13		0215	+6.4	28		0205	+6.1
	0525	0820	-7.8		0505	0810	-7.3
TU	1130	1435	+6.7	WE	1110	1415	+6.1
MA	1745	2045	-8.0	ME	1715	2025	-7.5
					2330		
14	0005	0300	+6.4	29		0245	+6.1
	0610	0905	-7.4		0545	0845	-7.1
WE	1215	1520	+6.2	TH	1140	1455	+5.7
ME	1820	2125	-7.8	JE	1740	2100	-7.4
					2355		
15	0045	0345	+6.2	30		0320	+6.0
	0705	0950	-6.9		0625	0925	-6.7
TH	1255	1600	+5.6	FR	1215	1530	+5.1
JE	1855	2205	-7.4	VE	1805	2140	-7.1
				31	0035	0405	+5.8
					0715	1015	-6.2
				SA	1300	1615	+4.4
				SA	1835	2220	-6.8

SEPTEMBER-SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0115	0500	+5.5	16	0215	0550	+4.8
	0815	1110	-5.6		0950	1205	-4.7
SU	1355	1710	+3.6	MO	1625	1815	+2.4
DI	1915	2310	-6.3	LU	2020		
2	0210	0600	+5.2	17		0015	-5.2
	0940	1220	-5.1		0340	0705	+4.5
MO	1530	1820	+2.9	TU	1115	1335	-4.6
LU	2015			MA	1800	1940	+2.3
					2235		
3		0020	-6.0	18		0130	-5.0
	0325	0715	+5.2		0515	0825	+4.6
TU	1115	1335	-5.1	WE	1215	1525	-5.2
MA	1745	1940	+2.8	ME	1855	2110	+3.1
	2145						
4		0140	-5.9	19	0005	0245	-5.3
	0500	0830	+5.4		0625	0930	+5.0
WE	1230	1500	-5.6	TH	1305	1610	-5.9
ME	1855	2100	+3.4	JE	1940	2205	+4.0
	2340						
5		0255	-6.3	20	0105	0350	-5.9
	0625	0935	+5.9		0715	1015	+5.5
TH	1325	1605	-6.3	FR	1345	1640	-6.5
JE	1945	2205	+4.4	VE	2010	2245	+4.8
6	0100	0400	-6.8	21	0150	0435	-6.5
	0725	1035	+6.3		0800	1055	+5.9
FR	1410	1650	-7.0	SA	1420	1705	-7.0
VE	2025	2300	+5.3	SA	2040	2320	+5.4
7	0200	0455	-7.4	22	0230	0515	-6.9
	0820	1120	+6.7		0835	1130	+6.1
SA	1450	1735	-7.6	SU	1450	1735	-7.4
SA	2105	2345	+6.0	DI	2105	2350	+5.9
8	0255	0545	-7.8	23	0305	0550	-7.3
	0905	1205	+6.9		0910	1205	+6.2
SU	1525	1815	-8.0	MO	1515	1810	-7.6
DI	2140			LU	2130		
9		0025	+6.5	24		0025	+6.3
	0340	0630	-8.0		0335	0625	-7.5
MO	0950	1245	+6.9	TU	0940	1235	+6.2
LU	1600	1850	-8.2	MA	1540	1840	-7.8
	2215				2155		
10		0110	+6.8	25		0055	+6.6
	0425	0710	-8.0		0410	0705	-7.5
TU	1030	1325	+6.7	WE	1015	1310	+6.0
MA	1630	1930	-8.2	ME	1605	1915	-7.8
	2250				2220		
11		0150	+6.9	26		0135	+6.7
	0505	0755	-7.7		0445	0740	-7.4
WE	1110	1405	+6.3	TH	1045	1345	+5.7
ME	1700	2010	-8.0	JE	1625	1945	-7.7
	2325				2245		
12		0230	+6.7	27		0210	+6.6
	0550	0835	-7.3		0525	0820	-7.2
TH	1150	1440	+5.7	FR	1120	1425	+5.2
JE	1730	2045	-7.7	VE	1655	2025	-7.5
	2355				2315		
13		0310	+6.4	28		0250	+6.4
	0635	0920	-6.7		0605	0905	-6.7
FR	1230	1520	+5.0	SA	1200	1505	+4.6
VE	1800	2125	-7.1	SA	1725	2100	-7.1
					2355		
14	0035	0355	+5.9	29		0340	+6.1
	0725	1010	-6.0		0700	0955	-6.2
SA	1320	1610	+4.1	SU	1250	1550	+3.9
SA	1835	2210	-6.5	DI	1800	2150	-6.6
15	0115	0450	+5.3	30	0040	0435	+5.7
	0830	1100	-5.3		0805	1100	-5.6
SU	1430	1705	+3.2	MO	1410	1655	+3.1
DI	1915	2305	-5.8	LU	1850	2250	-6.0

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE

- EBB/JUSANT DIRECTION 270 TRUE/VRAIE

TABLE DES COURANTS

DECEPTION PASS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns	Maximum			Renverse	Maximum		
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0140	0545	+5.3	16	0245	0630	+4.5
	0930	1210	-5.4		1025	1300	-5.1
TU	1615	1815	+2.7	WE	1730	1920	+2.6
MA	2010			ME	2225		
2		0010	-5.6	17		0100	-4.7
	0310	0700	+5.2		0430	0740	+4.6
WE	1055	1330	-5.6	TH	1125	1415	-5.6
ME	1740	1940	+3.2	JE	1815	2035	+3.5
	2225				2345		
3		0130	-5.7	18		0210	-5.1
	0455	0815	+5.4		0540	0840	+4.9
TH	1200	1440	-6.2	FR	1215	1505	-6.2
JE	1835	2055	+4.2	VE	1855	2125	+4.4
4	0000	0250	-6.2	19	0040	0315	-5.7
	0615	0920	+5.8		0635	0930	+5.2
FR	1250	1540	-6.8	SA	1250	1545	-6.7
VE	1920	2155	+5.2	SA	1925	2205	+5.2
5	0105	0350	-6.8	20	0125	0400	-6.3
	0715	1010	+6.1		0720	1010	+5.5
SA	1335	1625	-7.4	SU	1325	1620	-7.2
SA	1955	2240	+6.0	DI	1955	2240	+5.8
6	0155	0445	-7.3	21	0200	0440	-6.8
	0805	1055	+6.3		0800	1050	+5.7
SU	1410	1705	-7.8	MO	1355	1655	-7.5
DI	2030	2325	+6.6	LU	2020	2315	+6.3
7	0245	0530	-7.6	22	0240	0520	-7.1
	0850	1140	+6.4		0840	1125	+5.8
MO	1445	1740	-8.1	TU	1425	1730	-7.8
LU	2105			MA	2045	2350	+6.7
8		0005	+7.0	23	0315	0600	-7.3
	0325	0610	-7.7		0915	1200	+5.7
TU	0930	1215	+6.3	WE	1450	1800	-7.9
MA	1520	1820	-8.2	ME	2110		
	2140						
9		0045	+7.1	24		0025	+6.9
	0410	0650	-7.7		0350	0635	-7.4
WE	1010	1255	+6.0	TH	0950	1240	+5.5
ME	1550	1855	-8.1	JE	1515	1840	-7.9
	2210				2140		
10		0120	+7.0	25		0105	+7.0
	0450	0730	-7.4		0430	0720	-7.3
TH	1050	1330	+5.6	FR	1030	1315	+5.2
JE	1615	1935	-7.8	VE	1545	1915	-7.7
	2245				2210		
11		0200	+6.8	26		0143	+6.9
	0530	0810	-7.0		0510	0800	-7.1
FR	1130	1410	+5.0	SA	1110	1400	+4.7
VE	1645	2010	-7.4	SA	1620	1955	-7.5
	2315				2250		
12		0245	+6.4	27		0230	+6.7
	0615	0855	-6.5		0600	0850	-6.7
SA	1215	1455	+4.3	SU	1205	1445	+4.2
SA	1715	2050	-6.8	DI	1655	2045	-7.1
	2350				2335		
13		0325	+5.9	28		0320	+6.4
	0700	0940	-5.9		0655	0945	-6.3
SU	1310	1540	+3.5	MO	1310	1545	+3.6
DI	1750	2140	-6.1	LU	1745	2140	-6.5
14	0030	0415	+5.3	29	0025	0420	+6.0
	0800	1040	-5.4		0800	1050	-6.1
MO	1440	1645	+2.7	TU	1440	1655	+3.2
LU	1840	2235	-5.4	MA	1855	2240	-6.0
15	0125	0520	+4.8	30	0135	0525	+5.6
	0915	1140	-5.0		0910	1155	-6.0
TU	1615	1755	+2.3	WE	1605	1810	+3.4
MA	2010	2345	-4.8	ME	2045	2355	-5.7
				31	0305	0640	+5.4
					1020	1305	-6.3
				TH	1710	1930	+4.0
				JE	2235		

NOVEMBER–NOVEMBRE

Turns	Maximum			Renverse	Maximum		
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0120	-5.8	16		0125	-5.1
	0440	0745	+5.5		0440	0745	+4.8
FR	1120	1415	-6.7	SA	1105	1405	-6.4
VE	1800	2040	+4.9	SA	1800	2035	+4.6
	2355						
2		0230	-6.2	17	0000	0225	-5.5
	0555	0850	+5.6		0545	0835	+4.9
SA	1210	1505	-7.2	SU	1150	1450	-6.8
SA	1845	2135	+5.7	DI	1830	2120	+5.3
3	0055	0330	-6.6	18	0050	0315	-6.0
	0655	0940	+5.7		0640	0925	+5.0
SU	1250	1550	-7.6	MO	1225	1530	-7.1
DI	1925	2220	+6.3	LU	1905	2200	+5.9
4	0145	0420	-7.0	19	0130	0405	-6.4
	0745	1025	+5.8		0725	1005	+5.1
MO	1330	1630	-7.8	TU	1300	1610	-7.4
LU	2000	2300	+6.8	MA	1935	2240	+6.4
5	0230	0510	-7.2	20	0215	0450	-6.7
	0835	1105	+5.7		0810	1050	+5.1
TU	1405	1710	-8.0	WE	1330	1650	-7.6
MA	2035	2340	+7.0	ME	2005	2320	+6.7
6	0315	0550	-7.2	21	0255	0535	-6.9
	0915	1150	+5.5		0855	1130	+5.0
WE	1440	1745	-7.9	TH	1405	1730	-7.8
ME	2110			JE	2040		
7		0020	+7.0	22		0005	+7.0
	0355	0630	-7.1		0335	0620	-7.0
TH	1000	1225	+5.2	FR	0940	1215	+4.9
JE	1510	1825	-7.8	VE	1440	1810	-7.8
	2145				2115		
8		0100	+6.9	23		0045	+7.1
	0435	0710	-6.9		0420	0705	-7.1
FR	1040	1305	+4.8	SA	1025	1255	+4.7
VE	1540	1905	-7.5	SA	1520	1855	-7.7
	2215				2155		
9		0140	+6.7	24		0130	+7.1
	0515	0755	-6.6		0505	0750	-7.0
SA	1125	1350	+4.3	SU	1115	1345	+4.5
SA	1615	1945	-7.1	DI	1600	1940	-7.5
	2250				2240		
10		0220	+6.3	25		0220	+6.9
	0600	0835	-6.3		0555	0845	-6.9
SU	1215	1435	+3.8	MO	1215	1440	+4.2
DI	1650	2025	-6.6	LU	1655	2035	-7.1
	2325				2330		
11		0305	+5.9	26		0310	+6.7
	0645	0925	-6.0		0645	0935	-6.8
MO	1315	1525	+3.3	TU	1315	1540	+4.1
LU	1730	2115	-6.0	MA	1800	2130	-6.7
12	0005	0355	+5.5	27	0025	0405	+6.3
	0735	1020	-5.7		0740	1035	-6.7
TU	1425	1625	+2.9	WE	1425	1640	+4.1
MA	1830	2215	-5.4	ME	1920	2235	-6.3
13	0055	0450	+5.1	28	0130	0510	+6.0
	0830	1115	-5.7		0840	1130	-6.8
WE	1535	1730	+2.9	TH	1525	1750	+4.4
ME	2005	2315	-5.0	JE	2050	2340	-6.0
14	0200	0545	+4.8	29	0245	0610	+5.7
	0930	1215	-5.8		0935	1230	-6.9
TH	1635	1840	+3.2	FR	1625	1900	+4.8
JE	2145			VE	2220		
15		0020	-4.9	30		0050	-5.9
	0320	0650	+4.7		0410	0710	+5.4
FR	1020	1310	-6.0	SA	1030	1330	-7.1
VE	1720	1940	+3.9	SA	1715	2000	+5.4
	2305				2330		

DECEMBER–DECEMBRE

Turns	Maximum			Renverse	Maximum		
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0200	-6.0	16		0135	-5.3
	0520	0805	+5.2		0435	0740	+4.5
SU	1120	1420	-7.3	MO	1030	1355	-6.7
DI	1805	2100	+5.9	LU	1730	2030	+5.2
2	0035	0305	-6.2	17	0010	0230	-5.5
	0630	0905	+5.1		0545	0835	+4.3
MO	1205	1510	-7.4	TU	1115	1440	-6.9
LU	1850	2150	+6.3	MA	1810	2120	+5.7
3	0130	0400	-6.4	18	0105	0330	-5.8
	0725	0955	+4.9		0650	0925	+4.3
TU	1250	1555	-7.5	WE	1155	1530	-7.1
MA	1930	2235	+6.5	ME	1850	2210	+6.2
4	0220	0450	-6.5	19	0155	0420	-6.1
	0820	1040	+4.8		0750	1015	+4.3
WE	1330	1640	-7.5	TH	1245	1620	-7.3
ME	2010	2320	+6.7	JE	1935	2255	+6.6
5	0305	0535	-6.5	20	0245	0515	-6.5
	0910	1125	+4.6		0845	1105	+4.4
TH	1410	1725	-7.5	FR	1330	1705	-7.5
JE	2050			VE	2015	2345	+6.9
6		0000	+6.7	21	0330	0605	-6.8
	0350	0620	-6.6		0935	1200	+4.5
FR	0955	1210	+4.4	SA	1420	1755	-7.6
VE	1445	1805	-7.3	SA	2100		
	2125						
7		0045	+6.7	22		0030	+7.1
	0430	0700	-6.5		0415	0650	-7.0
SA	1040	1255	+4.2	SU	1025	1250	+4.6
SA	1525	1845	-7.1	DI	1515	1840	-7.7
	2200				2150		
8		0125	+6.5	23		0120	+7.2
	0510	0740	-6.5		0500	0740	-7.2
SU	1130	1340	+4.0	MO	1115	1340	+4.8
DI	1605	1930	-6.9	LU	1610	1935	-7.6
	2235				2240		
9		0205	+6.3	24		0210	+7.1
	0550	0825	-6.4		0545	0830	-7.4
MO	1215	1425	+3.9	TU	1205	1430	+5.0
LU	1645	2010	-6.5	MA	1705	2025	-7.5
	2315				2330		
10		0250	+6.1	25		0255	+7.0
	0625	0905	-6.4		0630	0920	-7.4
TU	1300	1510	+3.8	WE	1255	1525	+5.1
MA	1735	2100	-6.2	ME	1810	2120	-7.2
	2350						
11		0330	+5.8	26	0020	0345	+6.6
	0705	0955	-6.4		0715	1005	-7.4
WE	1350	1600	+3.7	TH	1345	1620	+5.2
ME	1830	2150	-5.9	JE	1915	2215	-6.8
12	0035	0420	+5.5	27	0120	0440	+6.2
	0745	1040	-6.3		0800	1100	-7.4
TH	1435	1655	+3.8	FR	1440	1720	+5.3
JE	1935	2240	-5.6	VE	2030	2315	-6.4
13	0125	0510	+5.2	28	0220	0530	+5.7
	0825	1125	-6.4		0845	1150	-7.2
FR	1520	1750	+4.0	SA	1535	1820	+5.4
VE	2050	2335	-5.3	SA	2145		
14	0220	0555	+4.9	29		0020	-6.0
	0905	1220	-6.4		0330	0630	+5.2
SA	1605	1845	+4.3	SU	0935	1245	-7.1
SA	2200			DI	1630	1920	+5.5
					2300		
15		0035	-5.2	30		0120	-5.7
	0325	0645	+4.7		0445	0725	+4.6
SU	0950	1305	-6.5	MO	1025	1340	-7.0
DI	1650	1935	+4.7	LU	1725	2020	+5.6
	2310						
				31	0010	0230	-5.5
					0605	0825	+4.2
				TU	1120	1435	-6.9
				MA	1815	2125	+5.8

\+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE – EBB/JUSANT DIRECTION 270 TRUE/VRAIE

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0150	+6.6	16		0200	+5.0
	0530	0825	-4.4		0535	0840	-3.6
TU	1155	1400	+2.0	WE	1210	1410	+1.4
MA	1605	1950	-5.5	ME	1605	1950	-4.2
	2305				2305		
2		0240	+6.6	17		0235	+5.1
	0615	0915	-4.7		0605	0910	-3.8
WE	1240	1455	+2.3	TH	1240	1445	+1.6
ME	1705	2045	-5.3	JE	1650	2030	-4.2
	2355				2340		
3		0325	+6.3	18		0305	+5.0
	0655	1000	-4.9		0635	0940	-3.9
TH	1330	1545	+2.4	FR	1305	1520	+1.9
JE	1805	2135	-4.8	VE	1735	2105	-4.0
4	0040	0410	+5.8	19	0015	0335	+4.7
	0735	1045	-4.9		0700	1005	-4.1
FR	1415	1640	+2.6	SA	1335	1600	+2.2
VE	1905	2225	-4.2	SA	1825	2145	-3.8
5	0130	0450	+5.0	20	0050	0410	+4.3
	0810	1125	-4.8		0725	1040	-4.2
SA	1505	1735	+2.6	SU	1405	1640	+2.5
SA	2015	2320	-3.4	DI	1920	2230	-3.4
6	0220	0535	+4.1	21	0130	0445	+3.8
	0845	1210	-4.6		0750	1110	-4.3
SU	1550	1830	+2.7	MO	1445	1730	+2.8
DI	2125			LU	2025	2320	-2.9
7		0020	-2.6	22	0220	0525	+3.1
	0315	0620	+3.1		0815	1150	-4.3
MO	0920	1255	-4.3	TU	1530	1825	+3.0
LU	1640	1935	+2.8	MA	2135		
	2245						
8		0130	-2.0	23		0025	-2.3
	0420	0715	+2.1		0315	0610	+2.3
TU	0950	1345	-4.0	WE	0850	1240	-4.3
MA	1730	2040	+3.0	ME	1620	1930	+3.3
					2305		
9	0010	0250	-1.7	24		0140	-1.9
	0545	0815	+1.3		0435	0710	+1.6
WE	1030	1435	-3.8	TH	0930	1335	-4.2
ME	1815	2140	+3.3	JE	1720	2045	+3.7
10	0125	0410	-1.8	25	0035	0310	-1.9
	0725	0920	+0.8		0620	0825	+1.0
TH	1110	1530	-3.6	FR	1020	1445	-4.3
JE	1905	2235	+3.7	VE	1820	2155	+4.3
11	0225	0515	-2.2	26	0150	0435	-2.3
	0850	1030	+0.6		0755	0950	+0.9
FR	1200	1625	-3.6	SA	1130	1555	-4.4
VE	1950	2325	+4.1	SA	1925	2300	+4.9
12	0315	0610	-2.6	27	0250	0545	-2.9
	0955	1125	+0.6		0910	1100	+1.7
SA	1255	1710	-3.7	SU	1250	1700	-4.8
SA	2030			DI	2025	2355	+5.6
13		0010	+4.4	28	0340	0640	-3.6
	0355	0655	-2.9		1000	1205	+1.6
SU	1035	1215	+0.8	MO	1405	1800	-5.1
DI	1350	1755	-3.8	LU	2115		
	2110						
14		0050	+4.7	29		0050	+6.0
	0430	0730	-3.2		0430	0725	-4.2
MO	1110	1255	+0.9	TU	1050	1300	+2.1
LU	1435	1835	-3.9	MA	1510	1855	-5.3
	2150				2210		
15		0125	+4.9	30		0135	+6.2
	0505	0805	-3.4		0510	0810	-4.6
TU	1145	1335	+1.1	WE	1130	1350	+2.5
MA	1520	1915	-4.1	ME	1610	1945	-5.3
	2225				2255		
				31		0220	+6.1
					0545	0850	-4.9
				TH	1215	1440	+3.0
				JE	1710	2035	-5.1
					2345		

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0300	+5.8	16		0235	+4.6
	0620	0930	-5.1		0550	0900	-4.3
FR	1255	1530	+3.3	SA	1215	1455	+3.0
VE	1805	2120	-4.7	SA	1735	2055	-4.2
2	0025	0340	+5.2	17	0000	0310	+4.3
	0655	1005	-5.1		0615	0925	-4.6
SA	1330	1615	+3.4	SU	1245	1535	+3.4
SA	1900	2210	-4.1	DI	1825	2135	-4.0
3	0110	0420	+4.4	18	0040	0340	+3.9
	0725	1045	-4.9		0640	1000	-4.7
SU	1410	1700	+3.5	MO	1320	1615	+3.7
DI	2000	2300	-3.4	LU	1920	2220	-3.6
4	0200	0500	+3.5	19	0125	0415	+3.3
	0750	1120	-4.6		0705	1035	-4.7
MO	1450	1750	+3.4	TU	1400	1700	+3.9
LU	2100	2350	-2.7	MA	2015	2310	-3.1
5	0250	0540	+2.5	20	0215	0455	+2.6
	0820	1200	-4.2		0735	1115	-4.6
TU	1535	1840	+3.2	WE	1445	1755	+3.9
MA	2205			ME	2125		
6		0050	-2.1	21		0015	-2.5
	0350	0625	+1.6		0315	0545	+1.8
WE	0850	1245	-3.7	TH	0810	1205	-4.3
ME	1625	1940	+3.1	JE	1540	1900	+3.8
	2325				2245		
7		0205	-1.7	22		0130	-2.1
	0520	0725	+0.9		0445	0650	+1.1
TH	0920	1340	-3.3	FR	0855	1310	-4.0
JE	1720	2050	+3.1	VE	1645	2020	+3.8
8	0040	0330	-1.7	23	0015	0305	-2.1
	0710	0840	+0.4		0630	0820	+0.7
FR	1010	1445	-3.1	SA	1000	1425	-3.8
VE	1820	2155	+3.3	SA	1800	2140	+4.2
9	0145	0445	-2.0	24	0130	0425	-2.5
	0835	1000	+0.4		0800	0950	+0.9
SA	1120	1550	-3.1	SU	1130	1545	-4.0
SA	1915	2255	+3.6	DI	1910	2250	+4.6
10	0240	0540	-2.5	25	0230	0530	-3.2
	0930	1105	+0.6		0900	1100	+1.4
SU	1235	1650	-3.3	MO	1300	1655	-4.3
DI	2005	2340	+4.0	LU	2015	2345	+5.1
11	0320	0625	-2.9	26	0320	0620	-3.8
	1005	1150	+0.9		0945	1200	+2.1
MO	1340	1735	-3.6	TU	1415	1755	-4.7
LU	2050			MA	2110		
12		0025	+4.4	27		0035	+5.3
	0355	0700	-3.3		0400	0705	-4.4
TU	1030	1235	+1.3	WE	1025	1255	+2.7
MA	1430	1820	-3.9	ME	1520	1850	-4.9
	2130				2200		
13		0100	+4.6	28		0120	+5.4
	0430	0730	-3.6		0435	0740	-4.8
WE	1100	1310	+1.7	TH	1100	1340	+3.3
ME	1520	1900	-4.1	JE	1620	1940	-4.9
	2210				2245		
14		0135	+4.8				
	0500	0800	-3.8				
TH	1125	1345	+2.1				
JE	1605	1935	-4.3				
	2245						
15		0205	+4.8				
	0525	0830	-4.1				
FR	1150	1420	+2.6				
VE	1650	2015	-4.3				
	2320						

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0200	+5.1	16		0130	+4.1
	0510	0820	-5.0		0435	0745	-4.5
FR	1135	1425	+3.8	SA	1100	1355	+3.7
VE	1710	2025	-4.7	SA	1650	2000	-4.3
	2330				2310		
2		0235	+4.7	17		0205	+3.9
	0540	0855	-5.1		0500	0815	-4.8
SA	1210	1505	+4.1	SU	1130	1430	+4.3
SA	1800	2110	-4.4	DI	1735	2040	-4.3
					2350		
3	0015	0310	+4.1	18		0240	+3.5
	0605	0925	-5.0		0525	0850	-4.9
SU	1245	1545	+4.2	MO	1205	1510	+4.7
DI	1850	2150	-3.9	LU	1825	2125	-4.1
4	0100	0350	+3.4	19	0035	0315	+3.1
	0635	1000	-4.8		0555	0925	-5.0
MO	1320	1625	+4.2	TU	1240	1555	+4.8
LU	1940	2235	-3.4	MA	1915	2215	-3.8
5	0145	0425	+2.6	20	0125	0400	+2.6
	0700	1035	-4.4		0625	1005	-4.9
TU	1355	1705	+3.9	WE	1325	1645	+4.8
MA	2030	2325	-2.9	ME	2015	2305	-3.3
6	0235	0505	+1.9	21	0220	0445	+2.0
	0725	1110	-3.9		0700	1050	-4.5
WE	1435	1755	+3.6	TH	1415	1740	+4.5
ME	2125			JE	2120		
7		0015	-2.4	22		0010	-2.9
	0335	0550	+1.2		0335	0540	+1.4
TH	0755	1155	-3.4	FR	0745	1145	-4.1
JE	1525	1845	+3.2	VE	1515	1845	+4.2
	2230				2230		
8		0125	-2.0	23		0130	-2.6
	0500	0645	+0.6		0505	0655	+0.9
FR	0830	1245	-2.9	SA	0845	1255	-3.6
VE	1620	1955	+3.0	SA	1625	2000	+4.0
	2340				2350		
9		0245	-1.9	24		0250	-2.6
	0640	0805	+0.3		0635	0825	+0.8
SA	0925	1400	-2.6	SU	1010	1420	-3.4
SA	1725	2105	+3.0	DI	1740	2120	+4.0
10	0050	0400	-2.1	25	0100	0405	-3.1
	0800	0925	+0.4		0745	0950	+1.3
SU	1055	1515	-2.6	MO	1155	1545	-3.5
DI	1835	2210	+3.2	LU	1855	2225	+4.2
11	0145	0455	-2.5	26	0155	0505	-3.6
	0845	1035	+0.8		0835	1100	+2.0
MO	1220	1620	-2.9	TU	1320	1650	-3.8
LU	1930	2300	+3.6	MA	2000	2320	+4.4
12	0230	0540	-3.0	27	0240	0550	-4.2
	0915	1125	+1.3		0915	1150	+2.8
TU	1330	1710	-3.3	WE	1430	1750	-4.1
MA	2020	2345	+3.9	ME	2100		
13	0310	0615	-3.4	28		0010	+4.4
	0940	1205	+1.9		0315	0630	-4.6
WE	1425	1755	-3.7	TH	0950	1240	+3.5
ME	2105			JE	1530	1840	-4.3
					2150		
14		0025	+4.1	29		0050	+4.2
	0340	0645	-3.8		0350	0705	-4.9
TH	1005	1240	+2.5	FR	1025	1320	+4.1
JE	1515	1840	-4.0	VE	1620	1930	-4.3
	2145				2240		
15		0100	+4.2	30		0130	+3.8
	0405	0715	-4.1		0420	0740	-4.9
FR	1035	1315	+3.1	SA	1055	1400	+4.5
VE	1600	1920	-4.2	SA	1710	2015	-4.2
	2225				2325		
				31		0210	+3.3
					0450	0815	-4.9
				SU	1130	1440	+4.7
				DI	1755	2055	-4.0

+ FLOOD/FLOT DIRECTION 045 TRUE/VRAIE - EBB/JUSANT DIRECTION 225 TRUE/VRAIE

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0010	0245	+2.8	16		0215	+2.7
	0515	0845	-4.7		0440	0815	-5.2
MO	1200	1515	+4.8	TU	1130	1450	+5.6
LU	1840	2135	-3.8	MA	1820	2120	-4.2
2	0055	0320	+2.3	17	0040	0300	+2.4
	0540	0915	-4.4		0515	0855	-5.2
TU	1235	1550	+4.6	WE	1215	1540	+5.7
MA	1920	2220	-3.4	ME	1915	2210	-4.0
3	0140	0355	+1.8	18	0135	0350	+2.0
	0610	0950	-4.1		0600	0945	-4.9
WE	1310	1630	+4.3	TH	1300	1630	+5.5
ME	2005	2300	-3.1	JE	2010	2305	-3.7
4	0230	0435	+1.4	19	0235	0440	+1.6
	0640	1030	-3.6		0645	1035	-4.5
TH	1345	1715	+3.9	FR	1355	1725	+5.1
JE	2050	2350	-2.7	VE	2110		
5	0330	0520	+0.9	20		0010	-3.4
	0715	1110	-3.2		0345	0545	+1.3
FR	1430	1805	+3.5	SA	0740	1135	-3.9
VE	2145			SA	1455	1830	+4.6
					2210		
6		0050	-2.4	21		0120	-3.3
	0440	0620	+0.6		0505	0700	+1.1
SA	0755	1205	-2.7	SU	0900	1250	-3.4
SA	1525	1900	+3.1	DI	1605	1940	+4.2
	2245				2315		
7		0155	-2.3	22		0230	-3.4
	0600	0730	+0.5		0615	0825	+1.3
SU	0900	1315	-2.4	MO	1035	1410	-3.1
DI	1630	2010	+3.0	LU	1720	2050	+3.9
	2345						
8		0305	-2.5	23	0015	0335	-3.7
	0705	0850	+0.6		0715	0940	+1.9
MO	1035	1430	-2.3	TU	1215	1535	-3.1
LU	1740	2115	+3.0	MA	1835	2155	+3.7
9	0040	0400	-2.8	24	0105	0430	-4.1
	0745	0955	+1.1		0800	1045	+2.8
TU	1205	1540	-2.5	WE	1335	1640	-3.3
MA	1845	2210	+3.1	ME	1945	2250	+3.5
10	0125	0445	-3.2	25	0150	0515	-4.4
	0815	1045	+1.8		0840	1135	+3.5
WE	1315	1640	-2.9	TH	1440	1740	-3.5
ME	1945	2255	+3.3	JE	2045	2340	+3.2
11	0200	0520	-3.6	26	0225	0555	-4.7
	0845	1130	+2.5		0915	1220	+4.2
TH	1415	1730	-3.3	FR	1535	1835	-3.6
JE	2035	2335	+3.3	VE	2145		
12	0235	0555	-4.1	27		0025	+2.8
	0915	1210	+3.3		0255	0630	-4.7
FR	1505	1815	-3.7	SA	0945	1300	+4.7
VE	2125			SA	1620	1920	-3.7
					2235		
13		0015	+3.3	28		0105	+2.4
	0305	0625	-4.5		0325	0700	-4.7
SA	0945	1250	+4.1	SU	1020	1340	+5.0
SA	1555	1900	-4.0	DI	1705	2005	-3.7
	2210				2325		
14		0055	+3.2	29		0140	+2.0
	0335	0700	-4.8		0355	0735	-4.6
SU	1015	1325	+4.8	MO	1050	1415	+5.1
DI	1645	1945	-4.2	LU	1745	2045	-3.7
	2300						
15		0135	+3.0	30	0010	0220	+1.7
	0405	0735	-5.1		0425	0805	-4.3
MO	1050	1410	+5.3	TU	1120	1450	+5.0
LU	1730	2030	-4.2	MA	1825	2125	-3.6
	2345						

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0055	0255	+1.4	16	0040	0250	+1.9
	0455	0840	-4.1		0450	0840	-5.2
WE	1155	1525	+4.8	TH	1155	1530	+6.2
ME	1900	2205	-3.4	JE	1905	2205	-4.3
2	0140	0335	+1.2	17	0140	0340	+1.8
	0530	0915	-3.8		0545	0930	-4.9
TH	1230	1605	+4.6	FR	1245	1620	+6.0
JE	1940	2245	-3.3	VE	2000	2300	-4.2
3	0225	0415	+1.0	18	0240	0440	+1.7
	0605	0955	-3.5		0645	1025	-4.5
FR	1310	1645	+4.3	SA	1340	1715	+5.5
VE	2020	2330	-3.1	SA	2050	2355	-4.1
4	0320	0500	+0.8	19	0340	0545	+1.6
	0645	1040	-3.1		0750	1130	-3.9
SA	1355	1730	+3.9	SU	1440	1810	+4.9
SA	2105			DI	2145		
5		0015	-2.9	20		0055	-4.1
	0415	0555	+0.7		0445	0655	+1.7
SU	0735	1130	-2.7	MO	0915	1240	-3.3
DI	1440	1815	+3.5	LU	1540	1910	+4.2
	2155				2235		
6		0110	-2.9	21		0155	-4.1
	0510	0655	+0.7		0540	0810	+2.0
MO	0845	1230	-2.4	TU	1045	1355	-2.8
LU	1540	1910	+3.1	MA	1655	2015	+3.5
	2240				2320		
7		0205	-3.0	22		0255	-4.3
	0600	0805	+1.0		0635	0920	+2.6
TU	1015	1340	-2.2	WE	1215	1515	-2.6
MA	1640	2010	+2.9	ME	1810	2115	+2.9
	2325						
8		0255	-3.2	23	0010	0345	-4.4
	0640	0910	+1.5		0720	1020	+3.3
WE	1140	1455	-2.2	TH	1335	1625	-2.7
ME	1750	2105	+2.7	JE	1925	2215	+2.4
9	0010	0340	-3.5	24	0050	0430	-4.5
	0715	1005	+2.3		0800	1115	+4.0
TH	1300	1600	-2.5	FR	1440	1730	-2.9
JE	1900	2200	+2.6	VE	2035	2305	+2.0
10	0045	0420	-4.0	25	0125	0515	-4.5
	0750	1050	+3.2		0835	1200	+4.5
FR	1400	1700	-2.8	SA	1530	1825	-3.1
VE	2000	2250	+2.5	SA	2140	2355	+1.6
11	0125	0500	-4.4	26	0200	0550	-4.4
	0825	1135	+4.1		0910	1240	+4.9
SA	1455	1750	-3.3	SU	1615	1910	-3.3
SA	2100	2335	+2.4	DI	2235		
12	0200	0540	-4.8	27		0035	+1.4
	0900	1220	+4.9		0235	0625	-4.3
SU	1545	1845	-3.7	MO	0945	1315	+5.0
DI	2155			LU	1655	1955	-3.4
					2330		
13		0020	+2.3	28		0120	+1.1
	0240	0620	-5.1		0305	0705	-4.2
MO	0940	1305	+5.6	TU	1020	1350	+5.1
LU	1635	1935	-4.0	MA	1735	2035	-3.4
	2250						
14		0110	+2.2	29	0015	0200	+1.0
	0320	0705	-5.3		0340	0740	-4.0
TU	1020	1350	+6.1	WE	1050	1430	+5.0
MA	1725	2025	-4.2	ME	1810	2110	-3.5
	2345						
15		0155	+2.0	30	0055	0240	+1.0
	0405	0750	-5.3		0420	0815	-3.9
WE	1105	1440	+6.3	TH	1130	1505	+4.9
ME	1815	2115	-4.3	JE	1845	2150	-3.5
				31	0135	0315	+0.9
					0500	0855	-3.7
				FR	1205	1540	+4.8
				VE	1920	2225	-3.4

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0215	0355	+1.0	16	0220	0435	+2.2
	0540	0935	-3.5		0645	1020	-4.5
SA	1240	1620	+4.5	SU	1325	1655	+5.6
SA	1955	2305	-3.4	DI	2025	2335	-4.8
2	0255	0440	+1.0	17	0310	0535	+2.3
	0630	1015	-3.2		0755	1115	-3.8
SU	1320	1655	+4.2	MO	1420	1745	+4.8
DI	2030	2340	-3.4	LU	2105		
3	0335	0530	+1.0	18		0025	-4.7
	0725	1100	-2.9		0405	0635	+2.5
MO	1405	1735	+3.8	TU	0915	1220	-3.1
LU	2105			MA	1515	1835	+3.9
					2145		
4		0025	-3.4	19		0115	-4.6
	0415	0620	+1.2		0455	0740	+2.7
TU	0830	1155	-2.5	WE	1040	1335	-2.5
MA	1455	1820	+3.3	ME	1625	1930	+3.0
	2140				2225		
5		0105	-3.5	20		0205	-4.5
	0455	0720	+1.5		0545	0850	+3.1
WE	0950	1300	-2.2	TH	1205	1450	-2.2
ME	1550	1910	+2.8	JE	1745	2030	+2.2
	2215				2305		
6		0150	-3.7	21		0300	-4.3
	0540	0820	+2.1		0635	0950	+3.6
TH	1115	1410	-2.0	FR	1325	1605	-2.2
JE	1700	2005	+2.4	VE	1910	2135	+1.5
	2255				2345		
7		0240	-3.9	22		0350	-4.2
	0620	0920	+2.8		0720	1045	+4.1
FR	1235	1525	-2.1	SA	1425	1715	-2.4
VE	1815	2105	+2.0	SA	2035	2235	+1.1
	2335						
8		0325	-4.2	23	0030	0435	-4.1
	0700	1015	+3.7		0800	1135	+4.4
SA	1345	1630	-2.4	SU	1515	1810	-2.7
SA	1935	2200	+1.8	DI	2140	2330	+0.9
9	0015	0415	-4.6	24	0110	0520	-4.0
	0740	1105	+4.6		0840	1215	+4.7
SU	1445	1735	-2.9	MO	1600	1900	-3.0
DI	2045	2300	+1.6	LU	2240		
10	0105	0505	-4.9	25		0015	+0.8
	0825	1155	+5.3		0155	0600	-4.0
MO	1540	1830	-3.4	TU	0920	1255	+4.9
LU	2150	2355	+1.6	MA	1640	1940	-3.2
					2325		
11	0155	0555	-5.2	26		0100	+0.8
	0915	1245	+5.9		0235	0640	-3.9
TU	1630	1925	-3.8	WE	0955	1335	+4.9
MA	2245			ME	1715	2015	-3.3
12		0050	+1.7	27	0000	0140	+0.9
	0245	0645	-5.4		0320	0720	-3.9
WE	1000	1335	+6.4	TH	1030	1410	+5.0
ME	1720	2015	-4.2	JE	1750	2050	-3.5
	2340						
13		0145	+1.8	28	0035	0220	+1.0
	0345	0735	-5.4		0405	0755	-3.8
TH	1050	1425	+6.6	FR	1110	1445	+4.9
JE	1805	2105	-4.4	VE	1820	2125	-3.6
14	0035	0240	+1.9	29	0110	0300	+1.1
	0440	0830	-5.3		0445	0835	-3.8
FR	1140	1515	+6.5	SA	1145	1520	+4.8
VE	1855	2155	-4.6	SA	1850	2200	-3.7
15	0125	0335	+2.0	30	0140	0335	+1.3
	0545	0925	-5.0		0530	0915	-3.6
SA	1235	1605	+6.2	SU	1220	1550	+4.6
SA	1940	2245	-4.8	DI	1920	2230	-3.7

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0210	0415	+1.5	16	0230	0510	+3.1
	0620	0955	-3.4		0755	1100	-3.8
MO	1255	1625	+4.3	TU	1400	1715	+4.4
LU	1950	2300	-3.8	MA	2020	2345	-5.0
2	0240	0455	+1.7	17	0320	0605	+3.2
	0715	1035	-3.1		0905	1200	-3.1
TU	1335	1700	+3.8	WE	1455	1800	+3.4
MA	2015	2335	-3.9	ME	2055		
3	0315	0545	+2.0	18		0030	-4.7
	0815	1125	-2.7		0405	0705	+3.3
WE	1420	1735	+3.3	TH	1020	1305	-2.4
ME	2045			JE	1600	1850	+2.3
					2130		
4		0015	-4.0	19		0115	-4.3
	0355	0635	+2.3		0455	0805	+3.4
TH	0930	1225	-2.2	FR	1140	1420	-2.0
JE	1515	1820	+2.6	VE	1720	1950	+1.5
	2115				2205		
5		0055	-4.0	20		0210	-4.0
	0440	0735	+2.7		0545	0910	+3.5
FR	1050	1335	-1.9	SA	1255	1540	-2.0
VE	1625	1915	+2.0	SA	1900	2055	+0.9
	2150				2250		
6		0145	-4.1	21		0305	-3.7
	0525	0840	+3.3		0640	1010	+3.8
SA	1215	1455	-1.9	SU	1400	1655	-2.2
SA	1750	2015	+1.5	DI	2030	2205	+0.6
	2230				2340		
7		0240	-4.3	22		0400	-3.6
	0615	0945	+4.0		0730	1105	+4.1
SU	1330	1610	-2.2	MO	1450	1750	-2.6
DI	1920	2125	+1.2	LU	2135	2310	+0.6
	2325						
8		0340	-4.5	23	0040	0455	-3.6
	0710	1045	+4.7		0815	1150	+4.3
MO	1430	1720	-2.7	TU	1535	1835	-2.9
LU	2035	2235	+1.2	MA	2220	2355	+0.8
9	0025	0440	-4.8	24	0135	0540	-3.7
	0805	1140	+5.4		0855	1235	+4.6
TU	1525	1820	-3.3	WE	1615	1915	-3.2
MA	2140	2340	+1.4	ME	2255		
10	0130	0535	-5.1	25		0045	+1.0
	0900	1235	+6.0		0230	0625	-3.8
WE	1615	1910	-3.8	TH	0935	1310	+4.7
ME	2235			JE	1650	1950	-3.4
					2325		
11		0040	+1.7	26		0120	+1.2
	0235	0630	-5.4		0315	0705	-3.9
TH	0950	1325	+6.4	FR	1015	1345	+4.8
JE	1705	2000	-4.3	VE	1720	2020	-3.6
	2325				2355		
12		0135	+2.0	27		0200	+1.5
	0340	0725	-5.4		0400	0740	-3.9
FR	1040	1410	+6.5	SA	1050	1420	+4.8
VE	1745	2050	-4.7	SA	1750	2050	-3.8
13	0015	0230	+2.4	28	0025	0235	+1.7
	0445	0820	-5.3		0445	0820	-3.9
SA	1130	1500	+6.4	SU	1125	1450	+4.7
SA	1830	2135	-5.0	DI	1815	2120	-3.9
14	0100	0325	+2.7	29	0050	0310	+2.0
	0545	0915	-5.0		0530	0855	-3.8
SU	1220	1545	+6.0	MO	1200	1520	+4.4
DI	1910	2220	-5.2	LU	1840	2150	-4.1
15	0145	0415	+3.0	30	0115	0345	+2.3
	0650	1005	-4.5		0615	0935	-3.6
MO	1310	1630	+5.3	TU	1235	1550	+4.0
LU	1945	2300	-5.2	MA	1900	2220	-4.2
				31	0145	0425	+2.6
					0710	1015	-3.3
				WE	1315	1625	+3.5
				ME	1925	2250	-4.3

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0220	0505	+2.9	16	0310	0620	+3.7
	0805	1105	-2.8		0950	1235	-2.5
TH	1400	1700	+2.9	FR	1540	1810	+1.7
JE	1950	2325	-4.3	VE	2035		
2	0300	0555	+3.1	17		0025	-3.9
	0910	1200	-2.4		0400	0720	+3.4
FR	1455	1745	+2.2	SA	1100	1350	-2.1
VE	2020			SA	1705	1910	+1.0
					2110		
3		0010	-4.2	18		0120	-3.4
	0345	0655	+3.3		0455	0825	+3.3
SA	1030	1310	-2.0	SU	1215	1510	-2.0
SA	1605	1840	+1.6	DI	1845	2025	+0.6
	2055				2200		
4		0100	-4.1	19		0225	-3.1
	0440	0805	+3.6		0555	0935	+3.4
SU	1155	1435	-1.9	MO	1320	1620	-2.2
DI	1740	1950	+1.1	LU	2010	2140	+0.5
	2145				2310		
5		0205	-4.1	20		0330	-3.1
	0545	0920	+4.0		0655	1030	+3.6
MO	1310	1555	-2.2	TU	1415	1720	-2.6
LU	1915	2110	+0.9	MA	2105	2245	+0.7
	2255						
6		0320	-4.3	21	0030	0430	-3.2
	0650	1025	+4.6		0750	1120	+3.9
TU	1415	1705	-2.8	WE	1500	1805	-3.0
MA	2030	2225	+1.1	ME	2140	2340	+1.1
7	0015	0425	-4.6	22	0130	0520	-3.5
	0750	1125	+5.3		0835	1205	+4.2
WE	1510	1805	-3.4	TH	1535	1840	-3.3
ME	2130	2335	+1.6	JE	2210		
8	0135	0530	-4.9	23		0020	+1.5
	0845	1220	+5.8		0225	0605	-3.7
TH	1555	1855	-4.1	FR	0915	1240	+4.4
JE	2215			VE	1605	1915	-3.6
					2240		
9		0030	+2.1	24		0055	+1.9
	0240	0625	-5.2		0315	0645	-3.9
FR	0940	1305	+6.0	SA	0955	1315	+4.4
VE	1640	1940	-4.6	SA	1635	1940	-3.8
	2300				2305		
10		0125	+2.7	25		0130	+2.3
	0345	0720	-5.3		0355	0725	-4.0
SA	1030	1355	+6.0	SU	1030	1345	+4.4
SA	1715	2020	-5.0	DI	1700	2010	-4.1
	2340				2330		
11		0215	+3.2	26		0205	+2.7
	0445	0810	-5.2		0440	0800	-4.0
SU	1120	1435	+5.7	MO	1110	1420	+4.2
DI	1755	2100	-5.3	LU	1725	2035	-4.2
					2355		
12	0025	0305	+3.6	27		0240	+3.1
	0545	0900	-4.8		0525	0840	-3.9
MO	1205	1520	+5.2	TU	1145	1450	+3.9
LU	1830	2140	-5.3	MA	1750	2105	-4.4
13	0105	0350	+3.9	28	0025	0315	+3.5
	0645	0950	-4.3		0610	0920	-3.7
TU	1255	1600	+4.4	WE	1225	1520	+3.4
MA	1900	2220	-5.2	ME	1810	2135	-4.5
14	0145	0440	+3.9	29	0055	0355	+3.8
	0740	1040	-3.7		0700	1000	-3.5
WE	1345	1640	+3.5	TH	1305	1555	+2.9
ME	1930	2300	-4.9	JE	1835	2205	-4.5
15	0225	0530	+3.8	30	0130	0435	+3.9
	0840	1135	-3.1		0755	1050	-3.0
TH	1440	1725	+2.6	FR	1355	1635	+2.3
JE	2000	2340	-4.4	VE	1905	2245	-4.4
				31	0215	0530	+3.9
					0900	1145	-2.6
				SA	1455	1720	+1.7
				SA	1940	2335	-4.2

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0305	0630	+3.8	16		0035	-3.0
	1010	1300	-2.2		0400	0735	+3.2
SU	1615	1820	+1.1	MO	1120	1425	-2.2
DI	2020			LU	1825	1955	+0.4
					2125		
2		0035	-3.9	17		0145	-2.6
	0410	0740	+3.8		0505	0845	+3.1
MO	1135	1425	-2.2	TU	1225	1540	-2.4
LU	1750	1940	+0.8	MA	1935	2115	+0.6
	2125				2255		
3		0150	-3.7	18		0300	-2.6
	0520	0900	+4.0		0615	0950	+3.2
TU	1250	1545	-2.5	WE	1320	1635	-2.7
MA	1920	2110	+0.9	ME	2020	2220	+1.0
	2255						
4		0310	-3.8	19	0020	0405	-2.8
	0635	1010	+4.5		0715	1040	+3.5
WE	1350	1650	-3.1	TH	1405	1720	-3.2
ME	2020	2225	+1.4	JE	2055	2310	+1.5
5	0030	0420	-4.2	20	0125	0455	-3.1
	0740	1110	+4.9		0805	1125	+3.7
TH	1440	1745	-3.8	FR	1440	1755	-3.5
JE	2110	2330	+2.1	VE	2120	2350	+2.1
6	0150	0525	-4.6	21	0220	0545	-3.4
	0835	1200	+5.2		0850	1205	+3.8
FR	1525	1830	-4.5	SA	1515	1825	-3.9
VE	2150			SA	2150		
7		0025	+2.9	22		0025	+2.6
	0255	0620	-4.8		0305	0625	-3.7
SA	0930	1245	+5.3	SU	0930	1240	+3.8
SA	1600	1910	-4.9	DI	1540	1855	-4.2
	2230				2215		
8		0110	+3.6	23		0100	+3.2
	0355	0710	-4.9		0350	0705	-3.9
SU	1020	1330	+5.1	MO	1010	1310	+3.7
DI	1635	1950	-5.2	LU	1605	1925	-4.4
	2305				2240		
9		0155	+4.1	24		0135	+3.8
	0450	0800	-4.8		0435	0745	-4.0
MO	1110	1410	+4.6	TU	1050	1345	+3.4
LU	1710	2025	-5.3	MA	1630	1950	-4.6
	2345				2305		
10		0240	+4.5	25		0210	+4.2
	0545	0850	-4.5		0520	0825	-4.0
TU	1155	1450	+4.0	WE	1135	1415	+3.1
MA	1740	2100	-5.3	ME	1655	2025	-4.7
					2340		
11	0020	0325	+4.7	26		0250	+4.6
	0635	0935	-4.1		0605	0905	-3.9
WE	1245	1530	+3.3	TH	1220	1455	+2.7
ME	1810	2135	-5.0	JE	1725	2055	-4.8
12	0055	0405	+4.6	27	0015	0330	+4.8
	0725	1020	-3.6		0655	0950	-3.6
TH	1335	1610	+2.6	FR	1305	1535	+2.3
JE	1840	2215	-4.6	VE	1755	2135	-4.7
13	0135	0450	+4.3	28	0055	0415	+4.8
	0815	1110	-3.1		0750	1040	-3.3
FR	1425	1650	+1.9	SA	1400	1815	+1.8
VE	1910	2255	-4.0	SA	1830	2220	-4.5
14	0215	0535	+3.9	29	0140	0510	+4.6
	0910	1205	-2.6		0850	1140	-2.9
SA	1530	1740	+1.2	SU	1505	1710	+1.3
SA	1945	2340	-3.5	DI	1910	2310	-4.1
15	0305	0630	+3.5	30	0240	0610	+4.3
	1015	1310	-2.3		0955	1255	-2.7
SU	1650	1840	+0.7	MO	1630	1820	+0.9
DI	2025			LU	2010		

+ FLOOD/FLOT DIRECTION 045 TRUE/VRAIE - EBB/JUSANT DIRECTION 225 TRUE/VRAIE

ACTIVE PASS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0020	-3.7	16		0100	-2.3
	0345	0720	+4.1		0410	0750	+3.0
TU	1110	1410	-2.7	WE	1125	1445	-2.7
MA	1755	1945	+0.8	ME	1850	2040	+0.7
	2135				2230		
2		0140	-3.4	17		0215	-2.2
	0500	0840	+4.0		0520	0855	+3.0
WE	1215	1525	-3.1	TH	1215	1540	-3.0
ME	1905	2115	+1.3	JE	1930	2145	+1.2
	2315						
3		0305	-3.4	18	0000	0325	-2.3
	0615	0945	+4.2		0625	0950	+3.0
TH	1315	1625	-3.7	FR	1300	1625	-3.4
JE	2000	2225	+2.0	VE	2000	2235	+1.9
4	0050	0415	-3.7	19	0110	0425	-2.7
	0725	1045	+4.3		0725	1035	+3.0
FR	1400	1715	-4.3	SA	1335	1700	-3.8
VE	2040	2320	+2.9	SA	2030	2315	+2.6
5	0205	0520	-4.0	20	0210	0515	-3.0
	0825	1135	+4.3		0820	1120	+3.0
SA	1440	1800	-4.8	SU	1410	1735	-4.1
SA	2120			DI	2055	2355	+3.4
6		0010	+3.8	21	0300	0600	-3.3
	0305	0615	-4.3		0905	1155	+2.9
SU	0920	1220	+4.1	MO	1440	1805	-4.4
DI	1515	1835	-5.1	LU	2125		
	2155						
7		0055	+4.4	22		0030	+4.1
	0400	0705	-4.3		0345	0645	-3.6
MO	1010	1305	+3.8	TU	0955	1235	+2.8
LU	1550	1915	-5.3	MA	1510	1840	-4.7
	2230				2155		
8		0135	+4.9	23		0110	+4.7
	0450	0750	-4.3		0430	0730	-3.8
TU	1100	1345	+3.3	WE	1040	1310	+2.6
MA	1620	1950	-5.2	ME	1540	1910	-4.9
	2305				2225		
9		0215	+5.1	24		0145	+5.2
	0540	0835	-4.1		0515	0810	-4.0
WE	1150	1420	+2.8	TH	1130	1350	+2.3
ME	1650	2025	-5.0	JE	1610	1950	-5.0
	2340				2305		
10		0255	+5.2	25		0230	+5.5
	0625	0920	-3.9		0600	0855	-4.0
TH	1240	1500	+2.2	FR	1220	1435	+2.1
JE	1720	2055	-4.7	VE	1645	2030	-5.0
					2345		
11	0015	0335	+5.0	26		0315	+5.6
	0705	1005	-3.6		0650	0945	-3.8
FR	1330	1540	+1.8	SA	1310	1520	+1.8
VE	1750	2135	-4.2	SA	1725	2115	-4.9
12	0050	0415	+4.6	27	0030	0400	+5.5
	0750	1050	-3.2		0740	1040	-3.7
SA	1420	1625	+1.3	SU	1410	1610	+1.5
SA	1825	2215	-3.7	DI	1810	2205	-4.5
13	0130	0500	+4.2	28	0120	0455	+5.2
	0840	1140	-2.9		0835	1140	-3.5
SU	1520	1710	+0.9	MO	1515	1710	+1.2
DI	1900	2255	-3.2	LU	1905	2300	-4.0
14	0215	0550	+3.7	29	0220	0555	+4.8
	0930	1235	-2.8		0935	1245	-3.4
MO	1630	1810	+0.6	TU	1630	1825	+1.1
LU	1950	2350	-2.7	MA	2020		
15	0310	0645	+3.3	30		0010	-3.5
	1025	1340	-2.5		0325	0700	+4.3
TU	1750	1920	+0.5	WE	1035	1350	-3.5
MA	2100			ME	1740	1945	+1.3
					2155		
				31		0130	-3.1
					0440	0810	+4.0
				TH	1135	1455	-3.8
				JE	1840	2105	+1.9
					2335		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0255	-3.0	16		0235	-2.0
	0555	0915	+3.7		0530	0845	+2.5
FR	1225	1555	-4.2	SA	1145	1525	-3.5
VE	1925	2210	+2.8	SA	1905	2150	+2.3
2	0105	0410	-3.1	17	0050	0345	-2.1
	0710	1015	+3.5		0640	0940	+2.3
SA	1310	1640	-4.6	SU	1225	1605	-3.9
SA	2010	2305	+3.6	DI	1935	2240	+3.1
3	0215	0515	-3.4	18	0150	0445	-2.5
	0815	1110	+3.2		0745	1030	+2.2
SU	1350	1725	-4.9	MO	1300	1645	-4.3
DI	2045	2355	+4.4	LU	2010	2320	+3.9
4	0310	0610	-3.6	19	0245	0540	-2.9
	0915	1155	+2.8		0845	1115	+2.1
MO	1430	1805	-5.0	TU	1335	1720	-4.6
LU	2120			MA	2040		
5		0040	+5.0	20		0005	+4.7
	0400	0700	-3.8		0335	0625	-3.3
TU	1010	1240	+2.5	WE	0940	1200	+2.0
MA	1500	1840	-5.0	ME	1415	1800	-4.9
	2155				2120		
6		0120	+5.3	21		0045	+5.4
	0450	0745	-3.8		0420	0715	-3.7
WE	1105	1320	+2.1	TH	1030	1245	+1.9
ME	1535	1915	-4.9	JE	1450	1840	-5.2
	2230				2200		
7		0155	+5.4	22		0130	+5.9
	0530	0825	-3.8		0505	0800	-3.9
TH	1150	1400	+1.8	FR	1125	1330	+1.9
JE	1605	1950	-4.6	VE	1535	1925	-5.3
	2305				2240		
8		0235	+5.3	23		0215	+6.2
	0610	0910	-3.7		0555	0850	-4.1
FR	1240	1440	+1.5	SA	1215	1420	+1.8
VE	1640	2025	-4.3	SA	1620	2015	-5.3
	2340				2330		
9		0310	+5.1	24		0300	+6.3
	0650	0950	-3.5		0640	0940	-4.2
SA	1325	1520	+1.2	SU	1310	1510	+1.8
SA	1715	2105	-4.0	DI	1715	2100	-5.1
10	0015	0350	+4.8	25	0015	0350	+6.1
	0730	1030	-3.4		0730	1030	-4.2
SU	1410	1600	+1.0	MO	1405	1610	+1.7
DI	1750	2140	-3.6	LU	1810	2155	-4.7
11	0055	0430	+4.4	26	0110	0440	+5.7
	0810	1115	-3.2		0820	1125	-4.2
MO	1505	1650	+0.9	TU	1505	1710	+1.7
LU	1835	2225	-3.2	MA	1915	2255	-4.1
12	0135	0510	+4.0	27	0205	0535	+5.2
	0850	1200	-3.1		0910	1220	-4.2
TU	1600	1740	+0.8	WE	1605	1815	+1.8
MA	1925	2315	-2.8	ME	2030		
13	0225	0600	+3.6	28		0000	-3.5
	0935	1250	-3.0		0305	0635	+4.4
WE	1655	1845	+0.8	TH	1000	1320	-4.3
ME	2035			JE	1705	1930	+2.0
					2205		
14		0015	-2.3	29		0115	-2.9
	0315	0650	+3.2		0410	0735	+3.7
TH	1020	1345	-3.1	FR	1045	1420	-4.3
JE	1745	1950	+1.0	VE	1800	2045	+2.6
	2200				2340		
15		0120	-2.0	30		0235	-2.5
	0420	0750	+2.8		0530	0840	+3.0
FR	1100	1435	-3.3	SA	1135	1515	-4.5
VE	1830	2055	+1.5	SA	1850	2150	+3.3
	2335						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0105	0355	-2.6	16	0020	0300	-1.8
	0650	0940	+2.5		0550	0835	+1.7
SU	1215	1605	-4.6	MO	1105	1505	-3.9
DI	1935	2250	+4.0	LU	1840	2155	+3.3
2	0215	0505	-2.8	17	0130	0415	-2.1
	0810	1040	+2.0		0715	0940	+1.5
MO	1300	1650	-4.7	TU	1150	1555	-4.3
LU	2015	2335	+4.6	MA	1925	2250	+4.2
3	0310	0600	-3.1	18	0230	0515	-2.5
	0915	1130	+1.7		0825	1035	+1.4
TU	1340	1730	-4.7	WE	1240	1645	-4.6
MA	2055			ME	2010	2340	+5.0
4		0020	+5.1	19	0320	0610	-3.1
	0400	0650	-3.3		0930	1130	+1.5
WE	1015	1220	+1.5	TH	1330	1730	-5.0
ME	1415	1810	-4.6	JE	2055		
	2130						
5		0100	+5.3	20		0025	+5.7
	0440	0735	-3.5		0410	0700	-3.5
TH	1105	1300	+1.3	FR	1025	1225	+1.6
JE	1455	1850	-4.5	VE	1425	1820	-5.3
	2205				2140		
6		0140	+5.3	21		0115	+6.2
	0520	0815	-3.5		0455	0750	-4.0
FR	1155	1345	+1.2	SA	1115	1320	+1.8
VE	1530	1925	-4.3	SA	1520	1910	-5.5
	2240				2230		
7		0215	+5.3	22		0200	+6.5
	0555	0855	-3.6		0540	0840	-4.4
SA	1235	1425	+1.1	SU	1205	1410	+2.0
SA	1610	2005	-4.1	DI	1615	2005	-5.5
	2315				2320		
8		0250	+5.1	23		0250	+6.6
	0630	0930	-3.6		0625	0925	-4.7
SU	1315	1500	+1.1	MO	1255	1505	+2.2
DI	1650	2040	-3.9	LU	1715	2055	-5.3
	2355						
9		0325	+4.9	24	0005	0335	+6.4
	0705	1010	-3.6		0710	1015	-4.8
MO	1350	1540	+1.1	TU	1345	1600	+2.4
LU	1730	2120	-3.7	MA	1815	2150	-4.9
10	0030	0405	+4.7	25	0055	0425	+5.9
	0740	1045	-3.5		0750	1100	-4.9
TU	1430	1625	+1.1	WE	1435	1655	+2.5
MA	1820	2200	-3.3	ME	1925	2245	-4.2
11	0105	0440	+4.3	26	0150	0510	+5.2
	0810	1125	-3.5		0835	1150	-4.9
WE	1510	1710	+1.2	TH	1525	1800	+2.7
ME	1910	2245	-2.9	JE	2035	2345	-3.5
12	0145	0515	+3.8	27	0245	0600	+4.2
	0845	1200	-3.5		0915	1240	-4.8
TH	1555	1800	+1.3	FR	1620	1905	+2.8
JE	2015	2335	-2.5	VE	2200		
13	0230	0600	+3.3	28		0055	-2.8
	0915	1245	-3.5		0350	0655	+3.2
FR	1635	1855	+1.5	SA	0955	1335	-4.6
VE	2130			SA	1715	2010	+3.1
					2330		
14		0035	-2.0	29		0215	-2.3
	0325	0645	+2.7		0505	0800	+2.3
SA	0950	1330	-3.6	SU	1035	1430	-4.4
SA	1720	2000	+1.9	DI	1805	2120	+3.5
	2255						
15		0145	-1.8	30	0055	0335	-2.2
	0430	0740	+2.2		0640	0905	+1.6
SU	1025	1415	-3.7	MO	1120	1525	-4.2
DI	1800	2100	+2.6	LU	1855	2220	+4.0
				31	0205	0450	-2.4
					0810	1010	+1.1
				TU	1210	1615	-4.2
				MA	1945	2315	+4.4

+ FLOOD/FLOT DIRECTION 045 TRUE/VRAIE – EBB/JUSANT DIRECTION 225 TRUE/VRAIE

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0055	+9.5	16		0130	+7.9
	0515	0810	-4.4		0525	0810	-3.8
TU	1105	1310	+4.1	WE	1125	1335	+3.1
MA	1535	1915	-6.6	ME	1540	1940	-5.4
	2245				2235		
2		0145	+9.5	17		0200	+7.9
	0555	0905	-4.8		0545	0855	-4.1
WE	1155	1405	+4.3	TH	1200	1415	+3.4
ME	1635	2015	-6.4	JE	1630	2030	-5.2
	2325				2310		
3		0235	+9.4	18		0220	+7.8
	0635	0940	-5.0		0610	0935	-4.3
TH	1250	1505	+4.3	FR	1230	1455	+3.6
JE	1730	2110	-5.9	VE	1715	2035	-5.0
					2345		
4	0010	0325	+8.9	19		0245	+7.7
	0710	1100	-5.2		0635	1010	-4.5
FR	1345	1605	+4.4	SA	1305	1540	+4.0
VE	1830	2205	-5.2	SA	1805	2120	-4.7
5	0050	0420	+8.1	20	0025	0315	+7.3
	0745	1135	-5.3		0705	1025	-4.6
SA	1435	1700	+4.7	SU	1345	1625	+4.4
SA	1940	2305	-4.3	DI	1900	2205	-4.2
6	0135	0510	+6.9	21	0105	0355	+6.6
	0820	1200	-5.2		0735	1015	-4.8
SU	1530	1755	+5.1	MO	1425	1715	+4.9
DI	2105			LU	2000	2310	-3.6
7		0000	-3.5	22	0155	0445	+5.6
	0225	0605	+5.5		0810	1045	-5.1
MO	0855	1240	-5.0	TU	1510	1805	+5.6
LU	1620	1850	+5.5	MA	2110		
	2250						
8		0100	-2.8	23		0000	-2.9
	0330	0700	+4.1		0250	0545	+4.4
TU	0925	1325	-4.8	WE	0845	1125	-5.2
MA	1710	1945	+5.9	ME	1600	1855	+6.2
					2250		
9	0010	0200	-2.4	24		0145	-2.7
	0515	0755	+3.0		0400	0655	+3.3
WE	1000	1420	-4.6	TH	0925	1215	-5.2
ME	1755	2040	+6.2	JE	1655	1955	+6.7
10	0120	0345	-2.2	25	0030	0255	-2.7
	0655	0855	+2.2		0535	0810	+2.5
TH	1040	1520	-4.6	FR	1015	1335	-5.0
JE	1845	2140	+6.6	VE	1755	2100	+7.2
11	0215	0500	-2.6	26	0145	0405	-2.9
	0810	0950	+1.9		0715	0920	+2.4
FR	1125	1610	-4.8	SA	1115	1525	-5.3
VE	1930	2240	+7.0	SA	1855	2210	+7.8
12	0305	0545	-3.1	27	0240	0525	-3.3
	0905	1040	+1.9		0825	1025	+2.8
SA	1220	1655	-5.0	SU	1225	1635	-5.8
SA	2010	2330	+7.3	DI	1955	2310	+8.3
13	0350	0625	-3.2	28	0330	0655	-3.8
	0950	1125	+2.1		0920	1120	+3.6
SU	1310	1735	-5.3	MO	1335	1730	-6.2
DI	2050			LU	2055		
14		0015	+7.6	29		0005	+8.8
	0425	0705	-3.3		0410	0800	-4.3
MO	1025	1210	+2.4	TU	1010	1210	+4.3
LU	1405	1820	-5.4	MA	1440	1820	-6.5
	2125				2145		
15		0050	+7.8	30		0055	+9.1
	0455	0725	-3.6		0450	0845	-4.8
TU	1055	1255	+2.8	WE	1055	1300	+4.9
MA	1455	1900	-5.5	ME	1540	1910	-6.4
	2200				2230		
				31		0135	+9.2
					0525	0930	-5.2
				TH	1135	1350	+5.4
				JE	1635	2000	-6.1
					2310		

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0215	+9.0	16		0155	+7.5
	0555	0920	-5.5		0525	0905	-4.5
FR	1220	1440	+5.6	SA	1150	1420	+5.6
VE	1730	2055	-5.6	SA	1710	2025	-5.0
	2345				2330		
2		0300	+8.4	17		0220	+7.3
	0625	0955	-5.4		0550	0830	-4.8
SA	1305	1530	+5.8	SU	1225	1500	+6.0
SA	1825	2145	-5.0	DI	1800	2110	-4.7
3	0025	0345	+7.4	18	0005	0250	+6.9
	0655	1040	-5.4		0620	0845	-5.2
SU	1350	1625	+5.9	MO	1300	1540	+6.4
DI	1925	2240	-4.3	LU	1850	2200	-4.1
4	0110	0430	+6.0	19	0050	0330	+6.0
	0725	1105	-5.2		0650	0915	-5.5
MO	1430	1715	+6.0	TU	1340	1630	+6.7
LU	2045	2335	-3.6	MA	1950	2300	-3.5
5	0200	0525	+4.6	20	0140	0415	+4.8
	0755	1145	-4.9		0720	0955	-5.6
TU	1520	1810	+5.9	WE	1425	1720	+6.9
MA	2215			ME	2110		
6		0030	-3.0	21		0020	-3.2
	0305	0620	+3.1		0240	0515	+3.4
WE	0825	1235	-4.5	TH	0800	1045	-5.4
ME	1605	1905	+5.8	JE	1515	1815	+6.9
	2335				2245		
7		0125	-2.5	22		0125	-2.8
	0455	0720	+2.0		0405	0635	+2.3
TH	0900	1335	-4.3	FR	0045	1145	-4.9
JE	1700	2005	+5.7	VE	1620	1925	+6.7
8	0045	0230	-2.3	23	0010	0240	-2.8
	0650	0825	+1.4		0555	0805	+1.9
FR	0945	1440	-4.3	SA	0950	1400	-4.6
VE	1755	2115	+5.9	SA	1725	2050	+6.8
9	0145	0415	-2.4	24	0120	0405	-3.1
	0800	0925	+1.3		0720	0920	+2.3
SA	1045	1535	-4.5	SU	1110	1525	-5.0
SA	1845	2220	+6.3	DI	1835	2210	+7.3
10	0235	0530	-2.7	25	0215	0550	-3.7
	0850	1020	+1.7		0820	1020	+3.3
SU	1150	1625	-4.9	MO	1230	1625	-5.5
DI	1940	2315	+6.7	LU	1940	2310	+7.8
11	0315	0615	-3.2	26	0300	0655	-4.3
	0925	1105	+2.4		0905	1110	+4.3
MO	1300	1710	-5.2	TU	1345	1715	-5.8
LU	2025	2355	+7.1	MA	2040	2355	+8.2
12	0350	0650	-3.4	27	0335	0745	-4.9
	0955	1150	+3.2		0950	1155	+5.3
TU	1400	1755	-5.4	WE	1450	1805	-5.9
MA	2105			ME	2130		
13		0035	+7.4	28		0035	+8.3
	0415	0700	-3.8		0410	0735	-5.4
WE	1020	1230	+4.0	TH	1030	1240	+6.2
ME	1455	1840	-5.6	JE	1545	1855	-5.7
	2140				2210		
14		0105	+7.5				
	0440	0750	-4.1				
TH	1050	1310	+4.7				
JE	1540	1930	-5.6				
	2215						
15		0135	+7.6				
	0500	0835	-4.3				
FR	1120	1345	+5.2				
VE	1625	1940	-5.3				
	2250						

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0110	+8.2	16		0055	+6.9
	0440	0810	-5.5		0405	0705	-4.7
FR	1105	1325	+6.7	SA	1040	1310	+7.1
VE	1635	1945	-5.4	SA	1625	1955	-5.3
	2250				2235		
2		0145	+7.8	17		0120	+6.8
	0505	0840	-5.4		0435	0705	-5.1
SA	1145	1410	+7.0	SU	1110	1345	+7.6
SA	1730	2040	-5.1	DI	1710	2045	-5.0
	2330				2315		
3		0225	+7.0	18		0145	+6.5
	0535	0900	-5.2		0500	0730	-5.5
SU	1220	1455	+7.1	MO	1145	1425	+7.9
DI	1820	2130	-4.8	LU	1800	2130	-4.6
					2355		
4	0010	0310	+6.0	19		0220	+5.8
	0600	0940	-5.2		0530	0800	-5.9
MO	1255	1545	+7.0	TU	1220	1505	+8.1
LU	1915	2215	-4.4	MA	1850	2220	-4.2
5	0055	0355	+4.7	20	0040	0305	+4.8
	0630	1015	-5.0		0605	0840	-5.9
TU	1335	1630	+6.8	WE	1305	1555	+8.1
MA	2020	2305	-3.9	ME	1955	2310	-3.8
6	0145	0450	+3.4	21	0135	0400	+3.7
	0700	1100	-4.7		0645	0930	-5.7
WE	1415	1725	+6.3	TH	1350	1645	+7.8
ME	2135	2355	-3.4	JE	2110		
7	0250	0550	+2.2	22		0005	-3.5
	0730	1155	-4.3		0250	0510	+2.5
TH	1500	1820	+5.8	FR	0730	1025	-5.1
JE	2250			VE	1445	1745	+7.2
					2230		
8		0055	-2.9	23		0110	-3.3
	0455	0655	+1.3		0430	0645	+1.9
FR	0810	1255	-4.0	SA	0830	1215	-4.4
VE	1550	1925	+5.4	SA	1550	1905	+6.7
					2340		
9	0000	0155	-2.6	24		0230	-3.3
	0640	0800	+0.9		0605	0805	+2.2
SA	0905	1400	-3.9	SU	0950	1405	-4.4
SA	1650	2045	+5.3	DI	1700	2045	+6.7
10	0055	0255	-2.7	25	0040	0420	-3.7
	0740	0900	+1.3		0710	0910	+3.1
SU	1020	1500	-4.1	MO	1120	1510	-4.7
DI	1750	2150	+5.7	LU	1815	2155	+7.0
11	0145	0355	-3.0	26	0135	0535	-4.4
	0820	0955	+2.1		0800	1005	+4.3
MO	1140	1555	-4.4	TU	1245	1605	-4.9
LU	1850	2240	+6.1	MA	1920	2245	+7.2
12	0225	0445	-3.5	27	0215	0630	-4.9
	0845	1045	+3.3		0840	1055	+5.5
TU	1300	1645	-4.8	WE	1400	1700	-4.9
MA	1950	2320	+6.4	ME	2020	2325	+7.1
13	0255	0530	-3.8	28	0250	0625	-5.5
	0915	1125	+4.4		0920	1135	+6.5
WE	1405	1730	-5.2	TH	1500	1750	-4.9
ME	2035	2355	+6.7	JE	2110		
14	0320	0610	-4.2	29		0000	+6.9
	0940	1205	+5.5		0320	0700	-5.6
TH	1455	1820	-5.4	FR	0955	1220	+7.3
JE	2120			VE	1555	1845	-4.8
					2155		
15		0030	+6.8	30		0035	+6.5
	0345	0645	-4.4		0350	0740	-5.3
FR	1005	1240	+6.4	SA	1030	1300	+7.8
VE	1540	1910	-5.4	SA	1640	1935	-4.7
	2155				2240		
				31		0115	+6.0
					0415	0750	-5.0
				SU	1105	1340	+8.1
				DI	1725	2020	-4.7
					2320		

+ FLOOD/FLOT DIRECTION 030 TRUE/VRAIE - EBB/JUSANT DIRECTION 210 TRUE/VRAIE

PORLIER PASS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0155	+5.3	16		0120	+5.3
	0440	0750	-5.1		0415	0650	-6.1
MO	1140	1420	+8.0	TU	1115	1355	+9.2
LU	1810	2105	-4.6	MA	1800	2115	-4.4
	2355				2345		
2		0235	+4.4	17		0200	+4.7
	0510	0840	-5.0		0450	0735	-6.2
TU	1210	1505	+7.7	WE	1155	1440	+9.1
MA	1900	2155	-4.4	ME	1855	2205	-4.2
3	0045	0325	+3.4	18	0040	0250	+3.8
	0540	0930	-4.8		0530	0820	-5.9
WE	1240	1550	+7.3	TH	1240	1530	+8.7
ME	1955	2240	-4.1	JE	1955	2300	-4.0
4	0135	0420	+2.3	19	0145	0355	+2.9
	0610	1020	-4.5		0620	0920	-5.4
TH	1320	1640	+6.7	FR	1330	1625	+8.1
JE	2055	2330	-3.7	VE	2100	2355	-3.9
5	0250	0520	+1.4	20	0305	0525	+2.3
	0645	1030	-4.2		0720	1100	-4.8
FR	1400	1730	+6.0	SA	1425	1735	+7.4
VE	2200			SA	2205		
6		0025	-3.4	21		0100	-3.8
	0500	0630	+0.9		0435	0645	+2.4
SA	0735	1125	-3.8	SU	0835	1235	-4.4
SA	1450	1840	+5.4	DI	1525	1905	+6.8
	2255				2305		
7		0120	-3.2	22		0225	-4.0
	0615	0735	+1.0		0545	0750	+3.1
SU	0840	1325	-3.5	MO	1000	1345	-4.3
DI	1545	2000	+5.1	LU	1635	2025	+6.6
	2350				2355		
8		0220	-3.4	23		0330	-4.6
	0700	0835	+1.7		0640	0850	+4.2
MO	1005	1425	-3.6	TU	1135	1450	-4.1
LU	1645	2105	+5.2	MA	1745	2120	+6.4
9	0030	0315	-3.7	24	0040	0420	-5.0
	0730	0925	+2.9		0725	0940	+5.3
TU	1130	1520	-3.9	WE	1305	1545	-4.0
MA	1755	2155	+5.4	ME	1900	2205	+6.0
10	0110	0400	-4.0	25	0120	0515	-5.3
	0755	1010	+4.3		0810	1030	+6.5
WE	1250	1615	-4.3	TH	1415	1640	-3.9
ME	1905	2235	+5.7	JE	2005	2250	+5.6
11	0140	0440	-4.3	26	0155	0550	-5.3
	0825	1050	+5.6		0845	1110	+7.4
TH	1355	1705	-4.7	FR	1510	1805	-4.0
JE	2000	2315	+5.8	VE	2100	2330	+5.2
12	0210	0515	-4.6	27	0225	0715	-5.0
	0850	1130	+6.8		0920	1155	+8.1
FR	1445	1755	-4.9	SA	1600	1855	-4.1
VE	2050	2345	+5.9	SA	2150		
13	0240	0540	-4.9	28		0005	+4.7
	0925	1205	+7.8		0255	0600	-4.9
SA	1535	1845	-4.9	SU	0955	1230	+8.4
SA	2135			DI	1645	1940	-4.1
					2230		
14		0010	+5.8	29		0045	+4.3
	0310	0555	-5.3		0320	0635	-4.9
SU	1000	1240	+8.5	MO	1030	1310	+8.4
DI	1620	1935	-4.8	LU	1725	2005	-4.3
	2215				2310		
15		0045	+5.7	30		0130	+3.8
	0340	0620	-5.8		0350	0720	-4.9
MO	1035	1315	+9.0	TU	1100	1350	+8.3
LU	1710	2025	-4.6	MA	1805	2045	-4.3
	2300				2355		

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0210	+3.1	16		0150	+3.9
	0425	0805	-4.9		0425	0725	-6.2
WE	1130	1430	+7.9	TH	1135	1420	+9.4
ME	1845	2130	-4.3	JE	1850	2155	-4.2
2	0040	0300	+2.4	17	0040	0250	+3.4
	0455	0850	-4.7		0515	0830	-5.9
TH	1200	1515	+7.5	FR	1220	1515	+8.9
JE	1930	2215	-4.1	VE	1945	2250	-4.3
3	0135	0355	+1.6	18	0145	0400	+3.0
	0530	0935	-4.4		0615	1000	-5.4
FR	1235	1555	+7.0	SA	1310	1615	+8.3
VE	2015	2305	-4.0	SA	2035	2345	-4.4
4	0250	0500	+1.1	19	0300	0520	+3.0
	0615	1035	-4.0		0720	1115	-5.0
SA	1315	1640	+6.4	SU	1405	1730	+7.6
SA	2100	2355	-3.9	DI	2130		
5	0425	0605	+1.0	20		0045	-4.5
	0715	1055	-3.8		0410	0625	+3.5
SU	1400	1745	+5.7	MO	0835	1220	-4.5
DI	2145			LU	1500	1845	+6.9
					2215		
6		0045	-3.9	21		0200	-4.7
	0520	0705	+1.5		0510	0725	+4.2
MO	0825	1200	-3.3	TU	1005	1325	-3.9
LU	1455	1910	+5.2	MA	1605	1945	+6.2
	2225				2300		
7		0140	-4.0	22		0315	-4.8
	0555	0800	+2.5		0605	0825	+5.2
TU	0945	1315	-3.2	WE	1150	1425	-3.5
MA	1555	2015	+5.0	ME	1720	2040	+5.4
	2305				2340		
8		0230	-4.2	23		0420	-5.0
	0625	0850	+3.8		0650	0915	+6.2
WE	1110	1420	-3.3	TH	1310	1525	-3.2
ME	1705	2105	+4.9	JE	1845	2130	+4.7
	2345						
9		0315	-4.4	24	0015	0425	-5.1
	0655	0935	+5.1		0730	1000	+7.1
TH	1230	1540	-3.8	FR	1415	1625	-3.2
JE	1815	2145	+4.9	VE	1955	2215	+4.0
10	0020	0350	-4.7	25	0050	0505	-4.9
	0730	1015	+6.5		0810	1045	+7.7
FR	1340	1635	-4.1	SA	1510	1735	-3.3
VE	1925	2225	+4.9	SA	2055	2300	+3.6
11	0100	0420	-5.1	26	0125	0505	-4.8
	0805	1055	+7.7		0850	1130	+8.1
SA	1440	1730	-4.2	SU	1555	1840	-3.8
SA	2020	2300	+4.8	DI	2145	2345	+3.3
12	0135	0445	-5.5	27	0200	0545	-4.8
	0845	1130	+8.6		0925	1210	+8.2
SU	1530	1825	-4.3	MO	1635	1905	-3.7
DI	2110	2335	+4.7	LU	2225		
13	0210	0510	-5.9	28		0025	+3.0
	0925	1210	+9.2		0235	0625	-4.9
MO	1620	1915	-4.2	TU	1000	1250	+8.1
LU	2200			MA	1715	1940	-3.8
					2310		
14		0015	+4.6	29		0110	+2.8
	0250	0550	-6.2		0310	0710	-4.9
TU	1005	1250	+9.6	WE	1030	1330	+8.0
MA	1710	2010	-4.2	ME	1755	2020	-3.9
	2250				2350		
15		0100	+4.3	30		0150	+2.4
	0335	0635	-6.3		0345	0750	-4.9
WE	1050	1335	+9.6	TH	1100	1410	+7.8
ME	1800	2105	-4.2	JE	1830	2105	-4.0
	2340						
				31	0035	0240	+2.0
					0425	0830	-4.8
				FR	1130	1445	+7.6
				VE	1900	2150	-4.1

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0125	0335	+1.6	16	0135	0355	+3.9
	0510	0910	-4.5		0615	1000	-5.7
SA	1205	1520	+7.3	SU	1255	1610	+8.5
SA	1935	2240	-4.2	DI	2000	2335	-4.9
2	0220	0435	+1.5	17	0235	0500	+4.1
	0600	0925	-4.3		0720	1100	-5.1
SU	1245	1600	+6.8	MO	1340	1710	+7.7
DI	2010	2325	-4.2	LU	2040		
3	0310	0535	+1.8	18		0020	-5.1
	0705	1025	-3.9		0335	0600	+4.6
MO	1330	1640	+6.2	TU	0835	1200	-4.3
LU	2045			MA	1430	1810	+6.6
					2120		
4		0010	-4.3	19		0100	-5.1
	0400	0625	+2.5		0430	0655	+5.2
TU	0810	1130	-3.4	WE	1010	1300	-3.6
MA	1420	1745	+5.5	ME	1535	1905	+5.4
	2120				2200		
5		0055	-4.4	20		0145	-5.0
	0440	0715	+3.4		0520	0750	+5.9
WE	0920	1240	-3.2	TH	1145	1400	-3.0
ME	1515	1905	+4.9	JE	1655	2000	+4.3
	2200				2235		
6		0100	-4.4	21		0230	-4.8
	0520	0805	+4.5		0605	0845	+6.5
TH	1040	1355	-3.0	FR	1305	1525	-2.6
JE	1620	2005	+4.5	VE	1830	2055	+3.4
	2235				2310		
7		0140	-4.7	22		0320	-4.7
	0600	0850	+5.7		0650	0935	+7.0
FR	1205	1510	-3.3	SA	1405	1655	-2.9
VE	1735	2055	+4.1	SA	1950	2145	+2.8
	2315				2350		
8		0220	-5.1	23		0405	-4.7
	0640	0935	+6.8		0735	1025	+7.3
SA	1325	1610	-3.5	SU	1455	1720	-3.0
SA	1850	2140	+3.9	DI	2050	2235	+2.5
	2355						
9		0325	-5.3	24	0035	0450	-4.8
	0725	1020	+7.9		0820	1115	+7.5
SU	1430	1705	-3.6	MO	1545	1835	-3.4
DI	1955	2225	+3.8	LU	2140	2325	+2.4
10	0040	0405	-5.8	25	0120	0535	-4.9
	0810	1105	+8.7		0900	1200	+7.7
MO	1525	1800	-3.7	TU	1625	1910	-3.4
LU	2055	2310	+3.8	MA	2225		
11	0130	0450	-6.1	26		0010	+2.4
	0855	1145	+9.2		0205	0615	-5.1
TU	1615	1900	-3.8	WE	0935	1240	+7.7
MA	2150	2355	+3.8	ME	1700	1945	-3.4
					2300		
12	0220	0540	-6.3	27		0050	+2.4
	0945	1235	+9.4		0245	0655	-5.2
WE	1705	2000	-3.9	TH	1005	1320	+7.7
ME	2245			JE	1735	2000	-3.7
					2340		
13		0050	+3.9	28		0135	+2.4
	0315	0640	-6.5		0330	0735	-5.1
TH	1035	1320	+9.4	FR	1040	1355	+7.7
JE	1750	2100	-4.1	VE	1800	2045	-3.9
	2340						
14		0145	+3.9	29	0015	0220	+2.4
	0415	0740	-6.4		0415	0820	-5.0
FR	1120	1415	+9.3	SA	1110	1425	+7.6
VE	1835	2200	-4.4	SA	1825	2130	-4.1
15	0035	0245	+3.9	30	0050	0310	+2.5
	0510	0855	-6.2		0505	0900	-4.7
SA	1205	1510	+9.0	SU	1145	1455	+7.3
SA	1920	2250	-4.7	DI	1855	2210	-4.3

+ FLOOD/FLOT DIRECTION 030 TRUE/VRAIE – EBB/JUSANT DIRECTION 210 TRUE/VRAIE

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0130	0400	+2.7	16	0200	0430	+5.4
	0555	0910	-4.6		0710	1040	-4.9
MO	1225	1525	+7.0	TU	1315	1640	+7.2
LU	1920	2250	-4.5	MA	1950	2335	-5.4
2	0210	0450	+3.0	17	0250	0525	+5.7
	0650	0955	-4.1		0825	1135	-4.1
TU	1305	1605	+6.4	WE	1405	1730	+5.8
MA	1955	2240	-4.7	ME	2025		
3	0250	0540	+3.6	18		0005	-5.3
	0750	1050	-3.8		0340	0620	+5.9
WE	1355	1650	+5.7	TH	1000	1230	-3.4
ME	2025	2315	-4.8	JE	1510	1830	+4.4
					2055		
4	0330	0625	+4.3	19		0050	-5.0
	0855	1205	-3.2		0430	0715	+6.1
TH	1445	1750	+4.8	FR	1130	1330	-2.9
JE	2105	2355	-5.0	VE	1640	1925	+3.1
					2135		
5	0415	0715	+5.2	20		0145	-4.7
	1015	1340	-3.0		0525	0810	+6.3
FR	1550	1855	+3.9	SA	1245	1435	-2.6
VE	2140			SA	1825	2025	+2.3
					2215		
6		0030	-5.0	21		0245	-4.6
	0505	0805	+6.1		0615	0910	+6.4
SA	1150	1445	-3.0	SU	1345	1645	-2.7
SA	1705	2005	+3.3	DI	1945	2125	+1.9
	2220				2300		
7		0125	-5.2	22		0340	-4.7
	0555	0855	+6.9		0705	1015	+6.7
SU	1315	1545	-3.0	MO	1435	1745	-3.0
DI	1830	2105	+2.9	LU	2045	2215	+1.9
	2310				2355		
8		0240	-5.4	23		0430	-4.9
	0650	0950	+7.7		0750	1105	+7.0
MO	1420	1645	-3.2	TU	1520	1830	-3.3
LU	1950	2205	+2.9	MA	2130	2305	+2.1
9	0005	0355	-5.8	24	0055	0515	-5.2
	0745	1045	+8.3		0835	1155	+7.2
TU	1515	1745	-3.5	WE	1600	1910	-3.4
MA	2055	2300	+3.3	ME	2210	2350	+2.5
10	0105	0455	-6.2	25	0150	0555	-5.3
	0840	1135	+8.8		0915	1235	+7.4
WE	1605	1850	-3.7	TH	1630	1940	-3.6
ME	2145	2350	+3.8	JE	2240		
11	0210	0550	-6.6	26		0035	+3.0
	0930	1230	+9.1		0240	0640	-5.4
TH	1645	2015	-4.0	FR	0945	1310	+7.5
JE	2240			VE	1700	2005	-3.8
					2310		
12		0045	+4.3	27		0115	+3.4
	0310	0650	-6.7		0325	0720	-5.4
FR	1020	1315	+9.3	SA	1020	1340	+7.5
VE	1725	2110	-4.5	SA	1720	2020	-4.1
	2325				2340		
13		0135	+4.7	28		0155	+3.7
	0410	0745	-6.6		0415	0805	-5.2
SA	1105	1405	+9.2	SU	1050	1405	+7.4
SA	1805	2200	-4.9	DI	1745	2100	-4.3
14	0015	0230	+4.9	29	0010	0235	+4.0
	0510	0845	-6.3		0500	0850	-4.9
SU	1150	1455	+8.9	MO	1125	1430	+7.3
DI	1840	2200	-5.2	LU	1810	2135	-4.5
15	0110	0330	+5.1	30	0040	0315	+4.3
	0610	0945	-5.6		0545	0840	-4.8
MO	1230	1545	+8.3	TU	1205	1455	+6.9
LU	1915	2310	-5.4	MA	1835	2125	-4.8
				31	0115	0400	+4.6
					0635	0940	-4.2
				WE	1245	1530	+6.3
				ME	1905	2140	-5.0

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0155	0445	+5.0	16	0250	0540	+6.3
	0730	1030	-3.7		0940	1205	-3.5
TH	1330	1615	+5.4	FR	1450	1755	+3.3
JE	1940	2210	-5.2	VE	2000		
2	0240	0530	+5.5	17		0010	-4.8
	0835	1140	-3.2		0340	0635	+6.1
FR	1425	1705	+4.3	SA	1100	1305	-3.0
VE	2010	2250	-5.4	SA	1635	1855	+2.1
					2040		
3	0325	0620	+6.0	18		0110	-4.5
	1000	1315	-2.9		0435	0740	+5.8
SA	1530	1810	+3.1	SU	1210	1405	-2.7
SA	2050	2335	-5.3	DI	1825	2000	+1.5
					2125		
4	0420	0720	+6.4	19		0215	-4.4
	1140	1420	-2.8		0530	0850	+5.8
SU	1700	1935	+2.3	MO	1315	1510	-2.7
DI	2140			LU	1940	2105	+1.4
					2225		
5		0040	-5.1	20		0310	-4.6
	0520	0825	+6.7		0625	1000	+6.1
MO	1300	1530	-3.0	TU	1405	1805	-3.0
LU	1835	2050	+2.2	MA	2030	2200	+1.8
	2240				2335		
6		0245	-5.2	21		0400	-4.9
	0620	0935	+7.2		0720	1050	+6.5
TU	1405	1635	-3.3	WE	1445	1845	-3.4
MA	1955	2200	+2.7	ME	2110	2250	+2.5
	2350						
7		0400	-5.8	22	0045	0450	-5.2
	0725	1040	+7.8		0810	1135	+6.8
WE	1455	1740	-3.6	TH	1520	1910	-3.6
ME	2050	2255	+3.5	JE	2140	2335	+3.4
8	0100	0500	-6.3	23	0150	0535	-5.4
	0825	1135	+8.4		0850	1210	+7.0
TH	1540	1920	-4.1	FR	1550	1820	-4.0
JE	2140	2345	+4.5	VE	2205		
9	0210	0550	-6.7	24		0015	+4.2
	0915	1225	+8.8		0240	0620	-5.5
FR	1615	2015	-4.6	SA	0925	1245	+7.1
VE	2225			SA	1610	1900	-4.3
					2235		
10		0030	+5.3	25		0050	+4.9
	0310	0640	-6.7		0330	0705	-5.5
SA	1005	1305	+9.0	SU	1000	1315	+7.1
SA	1650	2010	-5.1	DI	1635	1935	-4.5
	2305				2300		
11		0120	+5.9	26		0125	+5.4
	0410	0730	-6.4		0410	0750	-5.4
SU	1050	1345	+8.9	MO	1035	1335	+7.0
DI	1725	2055	-5.3	LU	1655	2000	-4.7
	2350				2330		
12		0210	+6.3	27		0200	+5.8
	0505	0825	-5.9		0455	0835	-5.1
MO	1130	1425	+8.3	TU	1110	1355	+6.8
LU	1755	2125	-5.5	MA	1720	1955	-4.9
13	0035	0300	+6.5	28	0000	0235	+6.1
	0600	0925	-5.3		0540	0920	-4.7
TU	1210	1510	+7.4	WE	1145	1425	+6.4
MA	1825	2145	-5.5	ME	1750	2015	-5.3
14	0115	0350	+6.6	29	0035	0315	+6.4
	0700	1020	-4.7		0625	1010	-4.2
WE	1255	1600	+6.1	TH	1230	1500	+5.7
ME	1855	2215	-5.4	JE	1820	2045	-5.6
15	0200	0445	+6.5	30	0110	0355	+6.6
	0815	1110	-4.1		0720	1100	-3.8
TH	1345	1655	+4.7	FR	1315	1545	+4.6
JE	1930	2250	-5.2	VE	1850	2125	-5.8
				31	0155	0445	+6.7
					0830	1155	-3.3
				SA	1415	1640	+3.3
				SA	1925	2210	-5.6

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0245	0540	+6.7	16		0035	-4.2
	0955	1255	-3.0		0335	0705	+5.5
SU	1535	1755	+2.2	MO	1130	1335	-3.0
DI	2015	2310	-5.1	LU	1820	1940	+1.1
					2050		
2	0345	0645	+6.5	17		0140	-4.1
	1125	1405	-3.0		0430	0825	+5.4
MO	1715	1935	+1.7	TU	1230	1435	-3.0
LU	2115			MA	1920	2040	+1.4
					2205		
3		0055	-4.7	18		0240	-4.2
	0450	0810	+6.5		0535	0930	+5.6
TU	1235	1515	-3.2	WE	1315	1535	-3.3
MA	1845	2050	+2.2	ME	2000	2135	+2.2
	2235				2330		
4		0255	-5.1	19		0335	-4.5
	0600	0935	+7.0		0640	1020	+5.9
WE	1335	1640	-3.7	TH	1355	1625	-3.8
ME	1945	2150	+3.2	JE	2030	2225	+3.4
	2355						
5		0355	-5.7	20	0055	0425	-4.8
	0710	1035	+7.6		0735	1100	+6.1
TH	1420	1810	-4.3	FR	1425	1705	-4.2
JE	2035	2245	+4.5	VE	2100	2305	+4.6
6	0110	0450	-6.1	21	0155	0510	-5.1
	0810	1125	+8.1		0825	1135	+6.3
FR	1500	1825	-4.8	SA	1455	1740	-4.5
VE	2120	2330	+5.7	SA	2125	2345	+5.7
7	0220	0535	-6.2	22	0245	0600	-5.3
	0900	1205	+8.2		0905	1210	+6.4
SA	1535	1905	-5.4	SU	1515	1815	-4.8
SA	2200			DI	2150		
8		0015	+6.7	23		0020	+6.5
	0320	0625	-6.1		0325	0645	-5.4
SU	0950	1240	+8.1	MO	0940	1235	+6.4
DI	1605	1945	-5.6	LU	1540	1840	-5.0
	2240				2220		
9		0100	+7.3	24		0055	+7.2
	0415	0720	-5.8		0410	0735	-5.3
MO	1030	1315	+7.7	TU	1015	1300	+6.3
LU	1635	2015	-5.6	MA	1605	1850	-5.2
	2320				2250		
10		0140	+7.7	25		0125	+7.6
	0505	0810	-5.4		0450	0820	-5.0
TU	1110	1355	+7.0	WE	1055	1325	+6.0
MA	1705	2040	-5.5	ME	1635	1905	-5.6
	2355				2320		
11		0225	+7.7	26		0200	+7.9
	0555	0905	-5.1		0535	0905	-4.6
WE	1155	1440	+6.1	TH	1135	1355	+5.5
ME	1735	2055	-5.5	JE	1705	1935	-5.9
					2355		
12	0035	0315	+7.5	27		0240	+8.0
	0650	0955	-4.7		0625	0955	-4.2
TH	1240	1530	+4.8	FR	1220	1435	+4.6
JE	1805	2145	-5.3	VE	1735	2010	-6.0
13	0110	0405	+7.1	28	0035	0325	+7.9
	0755	1045	-4.2		0720	1045	-3.8
FR	1330	1625	+3.5	SA	1310	1525	+3.5
VE	1840	2235	-4.9	SA	1810	2055	-5.8
14	0155	0455	+6.6	29	0120	0415	+7.6
	0905	1135	-3.7		0830	1140	-3.5
SA	1445	1725	+2.3	SU	1420	1630	+2.4
SA	1915	2300	-4.5	DI	1855	2150	-5.3
15	0240	0555	+6.0	30	0215	0510	+7.1
	1020	1235	-3.2		0945	1240	-3.4
SU	1640	1830	+1.4	MO	1555	1810	+1.8
DI	1955			LU	2000	2305	-4.6

+ FLOOD/FLOT DIRECTION 030 TRUE/VRAIE - EBB/JUSANT DIRECTION 210 TRUE/VRAIE

PORLIER PASS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0315	0625	+6.6	16		0105	-3.6
	1100	1350	-3.5		0330	0745	+5.1
TU	1730	1935	+2.1	WE	1125	1400	-3.6
MA	2115			ME	1845	2015	+1.8
					2150		
2		0135	-4.5	17		0205	-3.6
	0425	0810	+6.5		0430	0845	+5.1
WE	1200	1520	-3.8	TH	1205	1455	-3.9
ME	1835	2040	+3.0	JE	1915	2110	+3.0
	2245				2325		
3		0245	-4.8	18		0305	-3.8
	0540	0920	+6.8		0540	0935	+5.2
TH	1255	1645	-4.4	FR	1245	1545	-4.3
JE	1925	2135	+4.3	VE	1945	2155	+4.4
4	0010	0340	-5.2	19	0055	0355	-4.2
	0650	1010	+7.1		0650	1020	+5.3
FR	1335	1750	-5.0	SA	1315	1625	-4.7
VE	2010	2225	+5.7	SA	2010	2235	+5.7
5	0130	0435	-5.3	20	0155	0445	-4.6
	0755	1055	+7.1		0750	1055	+5.4
SA	1415	1745	-5.4	SU	1345	1700	-4.9
SA	2050	2310	+6.9	DI	2035	2315	+6.9
6	0235	0525	-5.3	21	0240	0535	-4.8
	0850	1135	+6.9		0835	1130	+5.4
SU	1445	1835	-5.6	MO	1410	1730	-5.2
DI	2130	2355	+7.9	LU	2105	2350	+7.8
7	0330	0620	-5.2	22	0325	0625	-4.9
	0935	1210	+6.6		0920	1200	+5.4
MO	1520	1900	-5.6	TU	1445	1750	-5.5
LU	2205			MA	2140		
8		0035	+8.4	23		0020	+8.4
	0420	0710	-5.1		0410	0715	-4.8
TU	1020	1250	+6.1	WE	1000	1225	+5.2
MA	1545	1925	-5.4	ME	1515	1805	-5.8
	2240				2215		
9		0115	+8.6	24		0055	+8.8
	0505	0800	-5.0		0450	0805	-4.6
WE	1100	1330	+5.4	TH	1040	1300	+4.9
ME	1615	2005	-5.5	JE	1550	1830	-6.1
	2315				2250		
10		0155	+8.5	25		0130	+9.0
	0550	0845	-4.8		0540	0850	-4.4
TH	1145	1415	+4.6	FR	1125	1335	+4.4
JE	1650	2005	-5.3	VE	1625	1910	-6.2
	2350				2330		
11		0240	+8.1	26		0215	+9.0
	0640	0930	-4.6		0630	0940	-4.2
FR	1230	1500	+3.6	SA	1215	1420	+3.7
VE	1720	2100	-5.1	SA	1705	1955	-6.1
12	0025	0325	+7.6	27	0015	0300	+8.7
	0730	1020	-4.3		0725	1030	-4.0
SA	1330	1555	+2.5	SU	1315	1520	+2.9
SA	1755	2135	-4.9	DI	1750	2045	-5.6
13	0105	0415	+6.9	28	0100	0350	+8.2
	0830	1110	-3.9		0825	1130	-3.9
SU	1450	1705	+1.5	MO	1430	1645	+2.3
DI	1830	2225	-4.4	LU	1850	2155	-4.9
14	0145	0515	+6.2	29	0155	0455	+7.5
	0935	1205	-3.6		0925	1230	-3.9
MO	1640	1810	+1.0	TU	1555	1810	+2.3
LU	1920			MA	2005	2330	-4.7
15		0000	-3.9	30	0255	0620	+6.8
	0235	0625	+5.5		1025	1345	-4.1
TU	1030	1300	-3.5	WE	1710	1920	+3.0
MA	1800	1915	+1.1	ME	2125		
	2025						
				31		0045	-4.3
					0400	0750	+6.6
				TH	1115	1510	-4.5
				JE	1810	2025	+4.2
					2300		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0225	-4.3	16		0230	-3.3
	0515	0850	+6.4		0440	0845	+4.5
FR	1205	1620	-5.0	SA	1120	1500	-4.6
VE	1855	2115	+5.5	SA	1845	2120	+5.0
2	0035	0325	-4.3	17	0040	0325	-3.5
	0630	0940	+6.1		0600	0930	+4.4
SA	1245	1630	-5.4	SU	1155	1545	-4.9
SA	1940	2205	+6.8	DI	1915	2200	+6.3
3	0145	0420	-4.2	18	0145	0420	-3.8
	0740	1025	+5.7		0710	1010	+4.4
SU	1320	1710	-5.6	MO	1235	1620	-5.2
DI	2020	2250	+7.8	LU	1950	2240	+7.4
4	0245	0525	-4.3	19	0235	0515	-4.1
	0840	1105	+5.2		0805	1050	+4.3
MO	1355	1755	-5.4	TU	1310	1650	-5.5
LU	2100	2330	+8.5	MA	2025	2320	+8.3
5	0335	0620	-4.3	20	0325	0605	-4.2
	0930	1145	+4.8		0855	1125	+4.3
TU	1430	1830	-5.4	WE	1350	1710	-5.8
MA	2135			ME	2105	2355	+9.0
6		0010	+8.8	21	0410	0700	-4.3
	0425	0705	-4.4		0945	1200	+4.2
WE	1015	1225	+4.4	TH	1430	1740	-6.1
ME	1500	1905	-5.3	JE	2145		
	2210						
7		0050	+8.9	22		0030	+9.4
	0505	0745	-4.5		0455	0750	-4.2
TH	1100	1310	+4.0	FR	1030	1240	+4.1
JE	1535	1900	-5.3	VE	1510	1815	-6.3
	2245				2230		
8		0130	+8.6	23		0115	+9.5
	0545	0825	-4.5		0540	0840	-4.2
FR	1145	1355	+3.4	SA	1120	1325	+3.8
VE	1610	1950	-5.2	SA	1600	1905	-6.3
	2315				2310		
9		0215	+8.3	24		0155	+9.4
	0630	0910	-4.4		0625	0935	-4.2
SA	1230	1440	+2.7	SU	1215	1420	+3.5
SA	1640	2035	-5.0	DI	1650	2000	-6.1
	2350				2355		
10		0255	+7.8	25		0245	+9.1
	0710	0955	-4.3		0715	1025	-4.3
SU	1330	1540	+1.9	MO	1315	1525	+3.2
DI	1720	2130	-4.6	LU	1750	2110	-5.6
11	0025	0345	+7.2	26	0045	0340	+8.6
	0755	1045	-4.2		0805	1120	-4.4
MO	1445	1640	+1.3	TU	1425	1645	+3.1
LU	1805	2145	-4.4	MA	1855	2245	-5.1
12	0100	0435	+6.5	27	0135	0450	+7.9
	0840	1135	-4.0		0850	1220	-4.6
TU	1610	1745	+1.2	WE	1535	1755	+3.5
MA	1900	2255	-3.7	ME	2005	2355	-4.6
13	0145	0540	+5.8	28	0230	0605	+7.2
	0925	1225	-4.0		0940	1320	-4.8
WE	1705	1845	+1.6	TH	1635	1900	+4.3
ME	2010			JE	2135		
14		0030	-3.2	29		0055	-4.0
	0235	0655	+5.1		0330	0715	+6.4
TH	1000	1320	-4.1	FR	1025	1430	-5.0
JE	1745	1940	+2.5	VE	1730	1955	+5.3
	2135				2315		
15		0130	-3.1	30		0200	-3.6
	0335	0755	+4.7		0445	0810	+5.5
FR	1040	1410	-4.3	SA	1105	1540	-5.2
VE	1815	2030	+3.7	SA	1820	2050	+6.3
	2310						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0045	0305	-3.3	16	0015	0255	-2.9
	0610	0905	+4.8		0505	0840	+3.6
SU	1145	1635	-5.3	MO	1050	1425	-4.8
DI	1905	2140	+7.3	LU	1825	2120	+6.4
2	0155	0415	-3.3	17	0130	0355	-3.1
	0730	0955	+4.1		0630	0925	+3.4
MO	1225	1635	-5.4	TU	1135	1535	-5.2
LU	1945	2230	+7.9	MA	1905	2205	+7.4
3	0250	0550	-3.5	18	0230	0450	-3.3
	0835	1040	+3.7		0740	1015	+3.3
TU	1305	1710	-5.1	WE	1220	1615	-5.5
MA	2030	2315	+8.4	ME	1950	2250	+8.2
4	0340	0655	-3.8	19	0320	0550	-3.6
	0925	1125	+3.4		0845	1100	+3.3
WE	1345	1735	-5.1	TH	1310	1655	-5.9
ME	2110	2355	+8.5	JE	2040	2335	+8.8
5	0420	0730	-3.9	20	0405	0645	-3.8
	1015	1210	+3.2		0935	1145	+3.6
TH	1425	1815	-5.2	FR	1400	1740	-6.3
JE	2145			VE	2125		
6		0035	+8.5	21		0020	+9.3
	0500	0735	-4.0		0450	0740	-3.9
FR	1100	1255	+3.0	SA	1025	1235	+3.8
VE	1500	1855	-5.3	SA	1455	1830	-6.5
	2220				2210		
7		0120	+8.4	22		0105	+9.5
	0540	0810	-4.1		0530	0845	-4.2
SA	1140	1340	+2.7	SU	1115	1325	+4.1
SA	1540	1935	-5.2	DI	1550	1920	-6.6
	2250				2300		
8		0200	+8.2	23		0150	+9.5
	0615	0850	-4.2		0610	0940	-4.5
SU	1225	1425	+2.3	MO	1210	1420	+4.2
DI	1620	2020	-5.0	LU	1650	2025	-6.4
	2320				2345		
9		0240	+7.9	24		0240	+9.4
	0645	0935	-4.3		0650	1030	-4.8
MO	1315	1520	+2.0	TU	1305	1520	+4.3
LU	1700	2045	-4.8	MA	1750	2130	-5.9
	2355						
10		0320	+7.5	25	0030	0335	+8.9
	0720	1020	-4.3		0730	1115	-5.1
TU	1410	1615	+1.9	WE	1400	1625	+4.5
MA	1750	2125	-4.4	ME	1855	2235	-5.3
11	0030	0355	+6.9	26	0115	0435	+8.1
	0750	1105	-4.4		0810	1155	-5.3
WE	1500	1715	+2.0	TH	1500	1730	+4.9
ME	1850	2220	-3.8	JE	2005	2335	-4.5
12	0110	0440	+6.2	27	0205	0535	+7.1
	0820	1150	-4.4		0850	1235	-5.3
TH	1545	1805	+2.5	FR	1555	1825	+5.4
JE	1955	2320	-3.2	VE	2135		
13	0155	0540	+5.3	28		0035	-3.7
	0855	1235	-4.5		0305	0635	+5.8
FR	1625	1900	+3.3	SA	0930	1320	-5.2
VE	2105			SA	1650	1920	+6.0
					2320		
14		0025	-2.8	29		0135	-3.0
	0250	0650	+4.6		0420	0735	+4.5
SA	0935	1320	-4.5	SU	1010	1420	-5.0
SA	1705	1945	+4.3	DI	1740	2020	+6.6
	2235						
15		0155	-2.8	30	0040	0240	-2.7
	0355	0750	+4.0		0600	0830	+3.5
SU	1010	1410	-4.6	MO	1050	1520	-4.9
DI	1745	2035	+5.3	LU	1830	2115	+7.0
				31	0145	0425	-2.9
					0725	0925	+2.8
				TU	1135	1610	-4.9
				MA	1915	2210	+7.4

+ FLOOD/FLOT DIRECTION 030 TRUE/VRAIE – EBB/JUSANT DIRECTION 210 TRUE/VRAIE

GABRIOLA PASS PST Z+8

1991

JANUARY–JANVIER

Day	Turns Time	Maximum Time	Rate/kn	Day	Renverse Heure	Maximum Heure	Vit/n
1		0100	+7.9	16		0135	+6.5
	0455	0830	-5.2		0500	0800	-4.6
TU	1100	1305	+3.9	WE	1110	1310	+3.0
MA	1535	1910	-7.1	ME	1545	1905	-5.9
	2240				2235		
2		0200	+7.9	17		0120	+6.7
	0540	0920	-5.5		0530	0825	-4.6
WE	1150	1405	+4.0	TH	1145	1345	+3.4
ME	1635	2005	-6.8	JE	1630	1940	-5.9
	2325				2310		
3		0255	+7.8	18		0145	+6.9
	0620	1010	-5.8		0555	0840	-4.9
TH	1245	1500	+4.0	FR	1225	1425	+3.7
JE	1730	2055	-6.2	VE	1715	2025	-5.6
					2345		
4	0005	0345	+7.5	19		0225	+7.0
	0655	1055	-5.9		0625	0910	-5.3
FR	1335	1605	+4.0	SA	1300	1510	+4.0
VE	1825	2150	-5.4	SA	1800	2110	-5.2
5	0050	0430	+6.8	20	0020	0300	+6.8
	0730	1135	-5.8		0655	0945	-5.6
SA	1425	1705	+4.1	SU	1340	1555	+4.2
SA	1930	2245	-4.5	DI	1855	2200	-4.6
6	0135	0515	+5.9	21	0100	0345	+6.3
	0810	1215	-5.6		0725	1020	-5.8
SU	1515	1800	+4.3	MO	1420	1645	+4.6
DI	2040	2350	-3.7	LU	1950	2300	-4.0
7	0225	0605	+4.8	22	0145	0435	+5.4
	0845	1300	-5.3		0800	1100	-5.9
MO	1605	1855	+4.7	TU	1505	1740	+5.1
LU	2210			MA	2100		
8		0055	-3.0	23		0005	-3.5
	0335	0700	+3.7		0245	0535	+4.3
TU	0920	1350	-5.0	WE	0835	1145	-5.9
MA	1655	2000	+5.1	ME	1555	1835	+5.5
	2340				2225		
9		0215	-2.7	24		0120	-3.2
	0500	0800	+2.8		0405	0645	+3.3
WE	1005	1415	-4.9	TH	0915	1240	-5.7
ME	1745	2100	+5.5	JE	1650	1940	+5.9
					2355		
10	0055	0335	-2.8	25		0230	-3.2
	0635	0900	+2.1		0540	0805	+2.7
TH	1050	1510	-5.0	FR	1010	1355	-5.7
JE	1830	2205	+5.9	VE	1750	2045	+6.3
11	0155	0455	-3.2	26	0110	0345	-3.5
	0750	0950	+1.9		0705	0915	+2.7
FR	1140	1600	-5.1	SA	1110	1510	-6.0
VE	1920	2305	+6.3	SA	1850	2205	+6.8
12	0245	0555	-3.7	27	0215	0510	-4.0
	0845	1040	+1.9		0815	1015	+3.1
SA	1230	1700	-5.1	SU	1225	1620	-6.5
SA	2005	2355	+6.5	DI	1955	2315	+7.3
13	0325	0650	-4.1	28	0305	0630	-4.7
	0930	1125	+2.0		0910	1115	+3.7
SU	1325	1725	-5.3	MO	1335	1715	-7.0
DI	2045			LU	2050		
14		0040	+6.6	29		0015	+7.8
	0400	0730	-4.3		0350	0730	-5.3
MO	1005	1200	+2.3	TU	1000	1210	+4.3
LU	1415	1755	-5.6	MA	1440	1810	-7.3
	2125				2140		
15		0115	+6.6	30		0110	+8.1
	0430	0810	-4.4		0430	0820	-5.9
TU	1040	1235	+2.6	WE	1045	1300	+4.7
MA	1500	1825	-5.8	ME	1535	1900	-7.2
	2200				2225		
				31		0155	+8.1
					0505	0905	-6.3
				TH	1130	1350	+5.0
				JE	1630	1950	-6.8
					2305		

FEBRUARY–FEVRIER

Day	Turns Time	Maximum Time	Rate/kn	Day	Renverse Heure	Maximum Heure	Vit/n
1		0235	+7.9	16		0125	+6.8
	0540	0945	-6.4		0515	0755	-5.4
FR	1210	1440	+5.2	SA	1145	1400	+5.3
VE	1720	2040	-6.3	SA	1705	2015	-5.9
	2345				2325		
2		0310	+7.4	17		0200	+6.8
	0610	1020	-6.3		0540	0825	-5.8
SA	1255	1535	+5.2	SU	1220	1440	+5.6
SA	1815	2130	-5.6	DI	1750	2100	-5.4
3	0025	0345	+6.6	18	0005	0240	+6.4
	0645	1010	-6.1		0610	0900	-6.1
SU	1335	1625	+5.3	MO	1255	1520	+5.9
DI	1910	2225	-4.8	LU	1840	2155	-4.9
4	0105	0430	+5.6	19	0045	0320	+5.7
	0715	1045	-6.0		0640	0935	-6.2
MO	1420	1715	+5.3	TU	1335	1610	+6.1
LU	2015	2320	-4.1	MA	1935	2250	-4.3
5	0200	0520	+4.3	20	0135	0415	+4.6
	0750	1135	-5.4		0715	1020	-6.1
TU	1505	1810	+5.3	WE	1415	1705	+6.2
MA	2130			ME	2045	2355	-3.9
6		0020	-3.4	21	0240	0515	+3.5
	0305	0615	+3.2		0755	1110	-5.8
WE	0830	1215	-5.1	TH	1510	1800	+6.2
ME	1555	1910	+5.3	JE	2205		
	2255						
7		0125	-2.9	22		0100	-3.6
	0435	0715	+2.2		0405	0635	+2.6
TH	0910	1315	-4.7	FR	0845	1220	-5.4
JE	1650	2020	+5.3	VE	1610	1905	+6.1
					2330		
8	0015	0245	-2.8	23		0210	-3.5
	0615	0820	+1.7		0545	0755	+2.3
FR	1000	1425	-4.6	SA	0950	1345	-5.3
VE	1745	2135	+5.5	SA	1720	2025	+6.0
9	0115	0425	-3.2	24	0045	0335	-3.8
	0730	0920	+1.6		0705	0905	+2.6
SA	1100	1525	-4.8	SU	1110	1500	-5.6
SA	1840	2240	+5.8	DI	1830	2200	+6.4
10	0205	0535	-3.7	25	0145	0525	-4.5
	0820	1010	+1.9		0805	1010	+3.3
SU	1210	1610	-5.0	MO	1230	1610	-6.1
DI	1930	2330	+6.1	LU	1935	2310	+6.9
11	0245	0545	-4.1	26	0235	0625	-5.3
	0900	1100	+2.4		0855	1105	+4.2
MO	1315	1650	-5.4	TU	1345	1705	-6.4
LU	2020			MA	2030		
12		0010	+6.3	27		0005	+7.3
	0320	0620	-4.4		0315	0715	-5.9
TU	0930	1140	+3.0	WE	0940	1200	+5.0
MA	1410	1730	-5.8	ME	1445	1800	-6.5
	2100				2120		
13		0045	+6.4	28		0045	+7.3
	0350	0655	-4.7		0350	0800	-6.3
WE	1005	1215	+3.7	TH	1020	1250	+5.6
ME	1500	1810	-6.1	JE	1535	1855	-6.4
	2140				2205		
14		0105	+6.5				
	0420	0735	-5.0				
TH	1035	1250	+4.3				
JE	1540	1850	-6.3				
	2215						
15		0105	+6.7				
	0445	0730	-5.0				
FR	1110	1320	+4.9				
VE	1625	1930	-6.2				
	2250						

MARCH–MARS

Day	Turns Time	Maximum Time	Rate/kn	Day	Renverse Heure	Maximum Heure	Vit/n
1		0125	+7.2	16		0030	+6.0
	0420	0840	-6.4		0355	0705	-5.4
FR	1100	1335	+6.0	SA	1035	1255	+6.2
VE	1625	1945	-6.1	SA	1615	1925	-5.8
	2245				2235		
2		0200	+6.8	17		0100	+6.0
	0450	0915	-6.3		0425	0705	-5.8
SA	1135	1415	+6.1	SU	1110	1330	+6.6
SA	1710	2030	-5.8	DI	1700	2010	-5.6
	2325				2310		
3		0230	+6.2	18		0135	+5.8
	0520	0850	-6.2		0450	0740	-6.1
SU	1210	1455	+6.2	MO	1140	1410	+6.9
DI	1800	2115	-5.4	LU	1745	2100	-5.2
					2355		
4	0005	0300	+5.4	19		0215	+5.3
	0555	0940	-5.9		0520	0815	-6.3
MO	1250	1540	+6.1	TU	1220	1450	+7.0
LU	1850	2205	-5.0	MA	1835	2150	-4.9
5	0050	0340	+4.5	20	0040	0300	+4.5
	0625	0950	-5.7		0555	0900	-6.2
TU	1325	1625	+5.9	WE	1255	1540	+7.0
MA	1950	2250	-4.4	ME	1930	2245	-4.5
6	0140	0435	+3.4	21	0135	0400	+3.5
	0700	1030	-5.3		0635	0955	-5.8
WE	1410	1715	+5.7	TH	1345	1635	+6.7
ME	2055	2345	-3.8	JE	2035	2340	-4.2
7	0250	0535	+2.3	22	0250	0515	+2.6
	0735	1120	-4.9		0725	1100	-5.3
TH	1455	1810	+5.3	FR	1435	1735	+6.3
JE	2210			VE	2155		
8		0045	-3.4	23		0045	-4.0
	0425	0640	+1.5		0425	0635	+2.2
FR	0820	1220	-4.4	SA	0830	1220	-4.9
VE	1550	1920	+5.0	SA	1540	1845	+5.9
	2320				2310		
9		0150	-3.1	24		0200	-4.0
	0555	0745	+1.2		0550	0750	+2.3
SA	0920	1325	-4.1	SU	0950	1335	-4.7
SA	1650	2045	+4.8	DI	1655	2025	+5.7
10	0020	0340	-3.3	25	0015	0405	-4.4
	0700	0850	+1.4		0655	0900	+2.9
SU	1035	1430	-4.2	MO	1120	1450	-4.8
DI	1750	2155	+5.0	LU	1805	2150	+5.9
11	0110	0415	-3.8	26	0105	0515	-5.1
	0745	0945	+2.1		0745	1005	+3.8
MO	1200	1530	-4.5	TU	1245	1600	-5.1
LU	1850	2245	+5.2	MA	1915	2250	+6.1
12	0150	0500	-4.2	27	0150	0605	-5.7
	0820	1035	+2.9		0830	1100	+4.8
TU	1305	1620	-5.0	WE	1350	1710	-5.2
MA	1945	2325	+5.5	ME	2015	2340	+6.0
13	0225	0540	-4.6	28	0230	0650	-6.1
	0855	1115	+3.8		0910	1150	+5.7
WE	1400	1705	-5.4	TH	1445	1815	-5.3
ME	2035	2355	+5.7	JE	2105		
14	0300	0620	-4.9	29		0020	+5.8
	0925	1150	+4.7		0305	0735	-6.2
TH	1450	1750	-5.8	FR	0950	1235	+6.2
JE	2115			VE	1535	1910	-5.4
					2150		
15		0015	+5.8	30		0055	+5.5
	0330	0610	-5.0		0335	0810	-6.0
FR	1000	1220	+5.5	SA	1025	1315	+6.5
VE	1530	1835	-5.9	SA	1620	1950	-5.3
	2155				2230		
				31		0125	+5.0
					0405	0740	-5.8
				SU	1100	1350	+6.7
				DI	1705	2030	-5.3
					2310		

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE

- EBB/JUSANT DIRECTION 271 TRUE/VRAIE

TABLE DES COURANTS

GABRIOLA PASS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0155	+4.5	16		0115	+4.5
	0435	0800	-5.8		0405	0705	-6.2
MO	1135	1420	+6.6	TU	1115	1345	+7.5
LU	1750	2105	-5.1	MA	1745	2100	-4.9
	2355				2350		
2		0225	+3.9	17		0200	+4.1
	0505	0815	-5.4		0445	0755	-6.1
TU	1205	1455	+6.5	WE	1150	1430	+7.4
MA	1835	2145	-4.9	ME	1835	2145	-4.8
3	0040	0305	+3.1	18	0040	0255	+3.4
	0540	0855	-5.3		0525	0850	-5.9
WE	1240	1535	+6.2	TH	1235	1520	+7.2
ME	1930	2230	-4.5	JE	1935	2240	-4.7
4	0135	0400	+2.3	19	0150	0400	+2.8
	0615	0940	-4.9		0620	1000	-5.5
TH	1320	1615	+5.8	FR	1325	1615	+6.7
JE	2025	2315	-4.1	VE	2035	2335	-4.5
5	0250	0500	+1.5	20	0305	0520	+2.4
	0650	1035	-4.5		0720	1105	-5.0
FR	1405	1705	+5.4	SA	1420	1725	+6.2
VE	2125			SA	2140		
6		0005	-3.8	21		0040	-4.4
	0420	0610	+1.1		0430	0635	+2.3
SA	0740	1135	-4.0	SU	0835	1215	-4.5
SA	1450	1800	+4.9	DI	1525	1855	+5.7
	2220				2240		
7		0100	-3.6	22		0225	-4.6
	0535	0715	+1.1		0535	0745	+2.8
SU	0850	1240	-3.6	MO	1005	1330	-4.1
DI	1550	1910	+4.4	LU	1635	2025	+5.4
	2315				2335		
8		0200	-3.7	23		0350	-5.1
	0625	0820	+1.6		0630	0855	+3.6
MO	1020	1350	-3.5	TU	1140	1450	-4.0
LU	1655	2050	+4.3	MA	1745	2130	+5.3
9	0005	0255	-3.8	24	0025	0450	-5.6
	0700	0915	+2.5		0720	0955	+4.6
TU	1145	1450	-3.8	WE	1255	1610	-4.1
MA	1805	2150	+4.4	ME	1900	2220	+5.0
10	0045	0400	-4.4	25	0105	0535	-5.8
	0735	1000	+3.5		0800	1050	+5.5
WE	1255	1550	-4.3	TH	1400	1720	-4.3
ME	1905	2230	+4.6	JE	2000	2310	+4.6
11	0125	0445	-4.7	26	0140	0620	-5.9
	0810	1045	+4.6		0840	1140	+6.2
TH	1350	1645	-4.7	FR	1455	1820	-4.6
JE	2000	2300	+4.8	VE	2055	2350	+4.2
12	0200	0520	-5.0	27	0215	0700	-5.7
	0845	1120	+5.5		0920	1220	+6.6
FR	1440	1740	-5.0	SA	1540	1910	-4.7
VE	2050	2330	+4.9	SA	2145		
13	0230	0550	-5.3	28		0025	+3.9
	0920	1155	+6.3		0245	0640	-5.4
SA	1525	1830	-5.2	SU	0955	1300	+6.8
SA	2135	2355	+4.9	DI	1625	1950	-4.8
					2225		
14	0300	0550	-5.7	29		0100	+3.5
	1000	1230	+7.0		0320	0655	-5.2
SU	1610	1925	-5.2	MO	1030	1330	+6.7
DI	2220			LU	1705	2025	-4.8
					2310		
15		0035	+4.8	30		0130	+3.1
	0330	0630	-6.0		0350	0715	-5.0
MO	1035	1305	+7.3	TU	1100	1355	+6.6
LU	1655	2010	-5.1	MA	1745	2055	-4.8
	2300				2350		

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0205	+2.6	16		0155	+3.5
	0425	0745	-5.0		0425	0800	-6.3
WE	1135	1420	+6.4	TH	1135	1420	+7.4
ME	1825	2130	-4.6	JE	1840	2145	-4.8
2	0040	0245	+2.1	17	0045	0255	+3.2
	0500	0825	-4.9		0520	0900	-6.0
TH	1205	1450	+6.2	FR	1225	1515	+7.1
JE	1910	2205	-4.5	VE	1930	2240	-4.9
3	0135	0335	+1.6	18	0150	0405	+2.9
	0540	0910	-4.6		0620	1005	-5.6
FR	1240	1530	+5.9	SA	1310	1620	+6.8
VE	1955	2250	-4.3	SA	2020	2340	-4.9
4	0245	0435	+1.2	19	0300	0515	+2.8
	0625	1005	-4.2		0725	1105	-5.0
SA	1320	1615	+5.6	SU	1405	1745	+6.3
SA	2040	2330	-4.2	DI	2115		
5	0350	0540	+1.1	20		0055	-5.0
	0725	1100	-3.7		0405	0625	+3.1
SU	1405	1705	+5.1	MO	0845	1210	-4.3
DI	2130			LU	1505	1855	+5.8
					2205		
6		0015	-4.1	21		0215	-5.2
	0445	0645	+1.5		0505	0735	+3.6
MO	0840	1205	-3.3	TU	1015	1325	-3.8
LU	1500	1800	+4.6	MA	1610	2000	+5.2
	2215				2250		
7		0105	-4.2	22		0320	-5.4
	0530	0745	+2.1		0600	0835	+4.4
TU	1005	1310	-3.2	WE	1140	1445	-3.5
MA	1605	1910	+4.2	ME	1725	2055	+4.5
	2300				2335		
8		0150	-4.3	23		0415	-5.6
	0610	0835	+3.0		0645	0935	+5.2
WE	1125	1420	-3.3	TH	1300	1605	-3.5
ME	1715	2030	+4.1	JE	1845	2150	+3.9
	2340						
9		0235	-4.6	24	0015	0500	-5.6
	0650	0925	+4.1		0730	1030	+6.0
TH	1235	1520	-3.6	FR	1405	1715	-3.9
JE	1825	2130	+4.0	VE	1955	2235	+3.4
10	0020	0320	-4.9	25	0050	0545	-5.6
	0730	1005	+5.1		0810	1120	+6.5
FR	1335	1625	-4.0	SA	1455	1810	-4.2
VE	1930	2215	+4.0	SA	2050	2320	+3.1
11	0055	0400	-5.2	26	0130	0625	-5.4
	0805	1050	+6.1		0850	1205	+6.7
SA	1430	1725	-4.3	SU	1540	1900	-4.5
SA	2030	2255	+3.9	DI	2140		
12	0130	0440	-5.6	27		0000	+2.8
	0845	1125	+6.8		0205	0610	-5.2
SU	1520	1825	-4.5	MO	0925	1245	+6.7
DI	2120	2335	+3.9	LU	1620	1940	-4.6
					2225		
13	0210	0520	-6.0	28		0035	+2.6
	0925	1205	+7.3		0245	0645	-5.2
MO	1610	1915	-4.7	TU	1000	1325	+6.6
LU	2210			MA	1700	2020	-4.6
					2305		
14		0015	+3.8	29		0110	+2.3
	0250	0610	-6.2		0320	0700	-5.0
TU	1010	1245	+7.6	WE	1035	1345	+6.4
MA	1700	2005	-4.7	ME	1735	2050	-4.5
	2255				2350		
15		0100	+3.7	30		0145	+2.1
	0335	0700	-6.3		0400	0730	-5.0
WE	1055	1330	+7.6	TH	1105	1355	+6.3
ME	1750	2055	-4.8	JE	1810	2115	-4.4
	2350						
				31	0030	0225	+1.8
					0435	0805	-4.9
				FR	1140	1420	+6.2
				VE	1850	2145	-4.4

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0120	0305	+1.7	16	0130	0350	+3.6
	0520	0850	-4.7		0615	0950	-5.9
SA	1210	1455	+6.1	SU	1255	1630	+7.1
SA	1925	2215	-4.5	DI	1950	2335	-5.6
2	0210	0400	+1.6	17	0230	0500	+3.7
	0610	0935	-4.3		0720	1050	-5.1
SU	1250	1540	+5.9	MO	1345	1725	+6.5
DI	2000	2250	-4.5	LU	2035		
3	0300	0500	+1.8	18		0030	-5.6
	0710	1030	-3.9		0330	0605	+3.9
MO	1330	1625	+5.5	TU	0835	1150	-4.3
LU	2035	2330	-4.7	MA	1435	1820	+5.6
					2115		
4	0350	0600	+2.2	19		0130	-5.5
	0820	1130	-3.4		0425	0705	+4.4
TU	1420	1720	+5.0	WE	1000	1300	-3.5
MA	2115			ME	1540	1920	+4.6
					2155		
5		0015	-4.8	20		0230	-5.4
	0435	0655	+2.9		0515	0805	+4.9
WE	0935	1235	-3.2	TH	1130	1420	-3.2
ME	1520	1820	+4.5	JE	1700	2015	+3.7
	2155				2235		
6		0055	-4.9	21		0325	-5.3
	0515	0745	+3.7		0600	0905	+5.5
TH	1055	1345	-3.1	FR	1245	1540	-3.2
JE	1635	1930	+3.9	VE	1825	2110	+3.0
	2235				2315		
7		0140	-5.1	22		0415	-5.3
	0600	0835	+4.6		0650	1005	+6.1
FR	1210	1455	-3.2	SA	1350	1650	-3.6
VE	1750	2035	+3.5	SA	1945	2200	+2.6
	2315						
8		0230	-5.3	23	0000	0500	-5.3
	0640	0925	+5.6		0735	1100	+6.5
SA	1320	1600	-3.5	SU	1440	1755	-4.0
SA	1905	2130	+3.3	DI	2045	2250	+2.3
	2355						
9		0320	-5.6	24	0045	0505	-5.2
	0725	1015	+6.4		0815	1150	+6.7
SU	1420	1705	-3.8	MO	1525	1845	-4.3
DI	2010	2225	+3.3	LU	2130	2330	+2.3
10	0040	0415	-6.0	25	0135	0530	-5.4
	0810	1100	+7.1		0855	1235	+6.7
MO	1515	1805	-4.2	TU	1605	1930	-4.4
LU	2105	2310	+3.4	MA	2210		
11	0130	0505	-6.4	26		0010	+2.3
	0900	1150	+7.5		0215	0610	-5.3
TU	1605	1900	-4.5	WE	0935	1315	+6.5
MA	2155			ME	1640	2010	-4.4
					2250		
12		0000	+3.6	27		0045	+2.3
	0220	0600	-6.8		0300	0630	-5.3
WE	0950	1235	+7.7	TH	1010	1345	+6.3
ME	1650	1955	-4.7	JE	1710	2015	-4.5
	2250				2325		
13		0050	+3.7	28		0120	+2.3
	0315	0700	-6.9		0340	0705	-5.4
TH	1035	1325	+7.7	FR	1040	1330	+6.2
JE	1740	2055	-5.0	VE	1740	2050	-4.4
	2340						
14		0145	+3.8	29	0005	0150	+2.4
	0415	0755	-6.9		0420	0740	-5.3
FR	1125	1415	+7.6	SA	1115	1350	+6.3
VE	1825	2150	-5.2	SA	1810	2055	-4.5
15	0035	0245	+3.7	30	0040	0230	+2.5
	0515	0855	-6.5		0505	0820	-5.1
SA	1210	1525	+7.4	SU	1145	1425	+6.4
SA	1905	2245	-5.4	DI	1840	2125	-4.8

\+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE — - EBB/JUSANT DIRECTION 271 TRUE/VRAIE

GABRIOLA PASS PST Z+8

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0120	0315	+2.7	16	0150	0425	+4.5
	0555	0905	-4.8		0700	1020	-5.0
MO	1220	1505	+6.3	TU	1310	1640	+6.0
LU	1910	2200	-5.0	MA	1935	2340	-5.7
2	0200	0405	+2.9	17	0240	0525	+4.6
	0650	0955	-4.3		0810	1120	-4.1
TU	1300	1550	+5.9	WE	1405	1735	+4.9
MA	1945	2240	-5.2	ME	2015		
3	0245	0500	+3.3	18		0020	-5.3
	0750	1055	-3.8		0330	0625	+4.8
WE	1350	1640	+5.3	TH	0930	1230	-3.4
ME	2020	2320	-5.4	JE	1510	1830	+3.7
					2050		
4	0330	0555	+3.8	19		0100	-5.0
	0855	1200	-3.3		0420	0725	+5.1
TH	1445	1735	+4.5	FR	1100	1340	-3.0
JE	2055			VE	1635	1930	+2.7
					2130		
5		0000	-5.5	20		0200	-4.8
	0415	0650	+4.5		0515	0825	+5.3
FR	1015	1315	-3.0	SA	1215	1500	-3.0
VE	1555	1840	+3.6	SA	1810	2030	+2.1
	2135				2220		
6		0045	-5.6	21		0305	-4.8
	0505	0745	+5.2		0605	0935	+5.7
SA	1140	1425	-3.1	SU	1320	1625	-3.3
SA	1715	1950	+3.0	DI	1930	2125	+1.8
	2215				2310		
7		0145	-5.7	22		0355	-4.9
	0555	0840	+5.9		0655	1035	+6.0
SU	1255	1530	-3.3	MO	1410	1730	-3.8
DI	1840	2100	+2.8	LU	2025	2215	+1.9
	2305						
8		0250	-5.9	23	0005	0430	-5.1
	0645	0940	+6.5		0740	1130	+6.2
MO	1400	1635	-3.7	TU	1455	1825	-4.1
LU	1950	2200	+2.9	MA	2110	2300	+2.0
9	0000	0355	-6.4	24	0105	0500	-5.3
	0740	1035	+7.1		0825	1215	+6.3
TU	1455	1735	-4.2	WE	1530	1910	-4.3
MA	2050	2250	+3.3	ME	2145	2340	+2.3
10	0105	0450	-6.9	25	0155	0525	-5.5
	0835	1130	+7.5		0905	1250	+6.2
WE	1540	1840	-4.5	TH	1600	1915	-4.3
ME	2140	2345	+3.8	JE	2215		
11	0205	0545	-7.4	26		0015	+2.7
	0930	1225	+7.8		0240	0600	-5.7
TH	1625	1945	-4.9	FR	0940	1255	+6.0
JE	2230			VE	1630	1925	-4.5
					2250		
12		0035	+4.2	27		0045	+3.1
	0305	0640	-7.5		0320	0635	-5.8
FR	1015	1315	+7.9	SA	1015	1250	+6.2
VE	1705	2045	-5.3	SA	1655	1945	-4.7
	2320				2320		
13		0130	+4.4	28		0115	+3.5
	0405	0730	-7.3		0405	0710	-5.8
SA	1100	1405	+7.8	SU	1045	1315	+6.4
SA	1745	2135	-5.7	DI	1720	1950	-4.9
					2355		
14	0010	0225	+4.5	29		0155	+3.8
	0500	0825	-6.7		0445	0750	-5.6
SU	1145	1455	+7.5	MO	1120	1350	+6.6
DI	1825	2225	-5.9	LU	1750	2020	-5.3
15	0100	0325	+4.4	30	0030	0235	+4.1
	0600	0920	-5.9		0530	0835	-5.2
MO	1225	1550	+6.9	TU	1155	1430	+6.4
LU	1900	2305	-5.9	MA	1815	2100	-5.6
				31	0105	0320	+4.3
					0620	0920	-4.7
				WE	1235	1510	+5.9
				ME	1845	2135	-5.8

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0145	0410	+4.6	16	0230	0525	+4.9
	0715	1020	-4.0		0845	1145	-3.4
TH	1320	1600	+5.0	FR	1440	1735	+2.6
JE	1920	2215	-5.9	VE	1945	2320	-4.8
2	0225	0500	+4.9	17	0320	0630	+4.8
	0820	1130	-3.5		1010	1255	-3.0
FR	1415	1655	+4.0	SA	1610	1845	+1.7
VE	1955	2300	-5.9	SA	2030		
3	0315	0555	+5.3	18		0025	-4.4
	0935	1240	-3.2		0415	0735	+4.8
SA	1525	1800	+3.0	SU	1135	1405	-2.8
SA	2035	2355	-5.7	DI	1755	1950	+1.3
					2120		
4	0405	0655	+5.6	19		0135	-4.3
	1100	1350	-3.2		0515	0855	+4.8
SU	1700	1920	+2.4	MO	1235	1550	-3.0
DI	2125			LU	1910	2050	+1.3
					2225		
5		0105	-5.7	20		0240	-4.4
	0505	0755	+5.9		0610	1005	+5.1
MO	1220	1455	-3.5	TU	1325	1620	-3.5
LU	1830	2035	+2.3	MA	2000	2145	+1.6
	2230				2335		
6		0225	-5.9	21		0335	-4.7
	0610	0905	+6.3		0705	1055	+5.3
TU	1325	1600	-3.9	WE	1405	1720	-3.8
MA	1935	2140	+2.8	ME	2035	2230	+2.2
	2340						
7		0335	-6.5	22	0040	0415	-5.0
	0715	1015	+6.7		0750	1135	+5.3
WE	1420	1700	-4.3	TH	1440	1755	-4.0
ME	2030	2235	+3.6	JE	2105	2310	+2.8
8	0050	0430	-7.1	23	0135	0450	-5.4
	0810	1115	+7.2		0835	1200	+5.3
TH	1505	1800	-4.7	FR	1510	1735	-4.1
JE	2120	2325	+4.3	VE	2135	2340	+3.5
9	0200	0525	-7.4	24	0225	0530	-5.7
	0905	1205	+7.5		0910	1155	+5.5
FR	1545	1930	-5.2	SA	1535	1755	-4.5
VE	2205			SA	2205		
10		0015	+4.9	25		0010	+4.2
	0300	0610	-7.3		0305	0605	-5.9
SA	0950	1250	+7.5	SU	0945	1215	+5.8
SA	1625	1950	-5.6	DI	1600	1825	-5.0
	2250				2235		
11		0105	+5.2	26		0045	+4.8
	0350	0700	-7.0		0345	0645	-5.9
SU	1035	1330	+7.3	MO	1020	1245	+6.1
DI	1655	2025	-5.7	LU	1625	1855	-5.5
	2335				2305		
12		0155	+5.3	27		0120	+5.3
	0445	0750	-6.3		0425	0725	-5.7
MO	1115	1405	+6.8	TU	1055	1320	+6.1
LU	1730	2050	-5.8	MA	1650	1925	-5.9
					2340		
13	0020	0245	+5.3	28		0155	+5.6
	0535	0845	-5.6		0510	0805	-5.3
TU	1155	1440	+6.0	WE	1130	1355	+5.8
MA	1805	2115	-5.6	ME	1720	2000	-6.2
14	0100	0335	+5.2	29	0015	0240	+5.8
	0630	0945	-4.8		0555	0855	-4.7
WE	1240	1525	+5.0	TH	1210	1435	+5.2
ME	1835	2145	-5.4	JE	1745	2040	-6.3
15	0145	0430	+5.0	30	0050	0325	+5.9
	0735	1045	-4.0		0645	0955	-4.2
TH	1330	1620	+3.8	FR	1300	1525	+4.2
JE	1910	2230	-5.1	VE	1820	2120	-6.1
				31	0130	0415	+5.9
					0745	1105	-3.7
				SA	1355	1620	+3.1
				SA	1900	2210	-5.8

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0215	0510	+5.8	16	0315	0615	+4.2
	0900	1210	-3.5		1035	1310	-2.9
SU	1520	1735	+2.2	MO	1745	1915	+0.7
DI	1950	2315	-5.4	LU	2030		
2	0320	0610	+5.7	17		0040	-3.6
	1025	1320	-3.5		0415	0750	+3.9
MO	1700	1905	+1.9	TU	1135	1415	-3.0
LU	2055			MA	1845	2020	+1.0
					2155		
3		0045	-5.1	18		0150	-3.6
	0430	0720	+5.6		0520	0920	+3.9
TU	1145	1425	-3.7	WE	1225	1525	-3.4
MA	1820	2020	+2.2	ME	1920	2115	+1.7
	2215				2320		
4		0205	-5.4	19		0250	-3.9
	0540	0840	+5.7		0620	1010	+4.1
WE	1245	1550	-4.0	TH	1305	1620	-3.8
ME	1920	2125	+3.0	JE	1950	2200	+2.6
	2335						
5		0315	-5.9	20	0030	0340	-4.4
	0650	1000	+6.0		0715	1045	+4.2
TH	1340	1700	-4.6	FR	1340	1645	-4.2
JE	2010	2220	+4.0	VE	2020	2235	+3.5
6	0050	0410	-6.3	21	0125	0425	-4.9
	0750	1100	+6.3		0800	1100	+4.4
FR	1420	1715	-4.9	SA	1410	1635	-4.4
VE	2055	2310	+4.9	SA	2050	2310	+4.4
7	0155	0505	-6.5	22	0210	0505	-5.3
	0845	1145	+6.4		0845	1115	+4.7
SA	1500	1745	-5.2	SU	1435	1705	-4.9
SA	2140	2355	+5.5	DI	2120	2340	+5.3
8	0250	0550	-6.3	23	0250	0545	-5.4
	0930	1220	+6.3		0925	1140	+5.0
SU	1530	1810	-5.4	MO	1500	1735	-5.4
DI	2220			LU	2150		
9		0040	+5.9	24		0010	+5.9
	0340	0640	-6.0		0330	0625	-5.4
MO	1010	1250	+5.9	TU	1000	1215	+5.2
LU	1605	1840	-5.6	MA	1530	1810	-5.9
	2255				2225		
10		0120	+6.0	25		0045	+6.4
	0430	0725	-5.6		0410	0710	-5.2
TU	1055	1320	+5.4	WE	1035	1250	+5.1
MA	1635	1910	-5.7	ME	1555	1840	-6.2
	2335				2255		
11		0200	+5.9	26		0125	+6.7
	0515	0820	-5.1		0455	0755	-4.9
WE	1135	1355	+4.7	TH	1115	1330	+4.7
ME	1705	1945	-5.6	JE	1625	1915	-6.3
					2330		
12	0010	0240	+5.8	27		0205	+6.8
	0605	0915	-4.6		0540	0845	-4.5
TH	1220	1435	+3.8	FR	1200	1410	+4.0
JE	1735	2025	-5.4	VE	1655	1955	-6.2
13	0050	0325	+5.5	28	0005	0250	+6.7
	0700	1010	-4.1		0630	0945	-4.2
FR	1310	1525	+2.7	SA	1250	1500	+3.1
VE	1810	2110	-5.0	SA	1735	2045	-5.8
14	0130	0415	+5.1	29	0050	0340	+6.4
	0805	1110	-3.6		0725	1045	-3.9
SA	1420	1635	+1.6	SU	1400	1605	+2.2
SA	1845	2205	-4.5	DI	1825	2140	-5.2
15	0215	0510	+4.6	30	0140	0435	+5.9
	0920	1205	-3.2		0840	1150	-3.7
SU	1600	1800	+0.9	MO	1530	1730	+1.7
DI	1930	2320	-3.9	LU	1930	2300	-4.6

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE

- EBB/JUSANT DIRECTION 271 TRUE/VRAIE

GABRIOLA PASS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0245	0540	+5.4	16	0315	0600	+3.6
	0955	1255	-3.7		1025	1310	-3.4
TU	1700	1900	+1.8	WE	1800	1955	+1.3
MA	2050			ME	2145		
2		0035	-4.3	17		0110	-2.8
	0400	0655	+5.0		0425	0715	+3.2
WE	1110	1355	-3.9	TH	1115	1355	-3.6
ME	1810	2010	+2.5	JE	1835	2045	+2.2
	2225				2315		
3		0155	-4.5	18		0220	-3.1
	0520	0830	+4.8		0535	0900	+3.2
TH	1205	1525	-4.3	FR	1155	1440	-3.9
JE	1900	2115	+3.5	VE	1905	2130	+3.2
	2350						
4		0305	-4.8	19	0025	0315	-3.6
	0630	0950	+4.9		0635	0940	+3.3
FR	1255	1620	-4.7	SA	1230	1515	-4.3
VE	1945	2210	+4.6	SA	1935	2205	+4.2
5	0105	0405	-5.0	20	0120	0405	-4.1
	0735	1040	+4.9		0735	1010	+3.6
SA	1335	1705	-5.0	SU	1305	1550	-4.8
SA	2030	2300	+5.4	DI	2010	2240	+5.2
6	0205	0500	-5.1	21	0205	0455	-4.5
	0830	1120	+4.8		0820	1040	+3.8
SU	1410	1730	-5.2	MO	1335	1625	-5.2
DI	2110	2345	+6.0	LU	2040	2315	+6.1
7	0255	0555	-5.0	22	0245	0540	-4.7
	0915	1155	+4.5		0905	1115	+4.0
MO	1440	1720	-5.2	TU	1405	1700	-5.7
LU	2145			MA	2115	2345	+6.7
8		0020	+6.3	23	0330	0625	-4.7
	0340	0645	-4.9		0950	1150	+4.0
TU	1000	1220	+4.2	WE	1435	1735	-6.0
MA	1510	1750	-5.3	ME	2150		
	2220						
9		0055	+6.4	24		0025	+7.1
	0420	0725	-4.8		0410	0710	-4.6
WE	1040	1255	+3.8	TH	1030	1230	+3.9
ME	1540	1825	-5.4	JE	1510	1810	-6.2
	2255				2230		
10		0125	+6.3	25		0100	+7.2
	0505	0810	-4.7		0455	0800	-4.4
TH	1125	1330	+3.3	FR	1115	1315	+3.6
JE	1615	1900	-5.3	VE	1545	1855	-6.1
	2325				2305		
11		0200	+6.1	26		0145	+7.2
	0550	0855	-4.4		0540	0845	-4.3
FR	1210	1410	+2.6	SA	1205	1400	+3.1
VE	1645	1940	-5.1	SA	1630	1940	-5.8
					2345		
12	0000	0235	+5.8	27		0230	+6.9
	0640	0945	-4.2		0635	0940	-4.2
SA	1305	1455	+1.8	SU	1300	1500	+2.5
SA	1720	2030	-4.7	DI	1720	2035	-5.2
13	0040	0320	+5.3	28	0035	0320	+6.4
	0735	1035	-3.8		0730	1035	-4.1
SU	1420	1600	+1.0	MO	1415	1615	+2.0
DI	1800	2125	-4.1	LU	1820	2150	-4.6
14	0120	0410	+4.8	29	0130	0420	+5.8
	0835	1125	-3.5		0835	1135	-4.0
MO	1555	1730	+0.6	TU	1540	1740	+1.9
LU	1850	2235	-3.4	MA	1940	2315	-4.1
15	0210	0500	+4.2	30	0230	0525	+5.2
	0935	1220	-3.3		0935	1240	-4.1
TU	1715	1850	+0.7	WE	1650	1900	+2.4
MA	2010	2355	-3.0	ME	2110		
				31		0035	-3.7
					0345	0650	+4.6
				TH	1035	1350	-4.2
				JE	1750	2010	+3.2
					2245		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0155	-3.6	16		0145	-2.6
	0500	0830	+4.2		0440	0725	+3.2
FR	1125	1600	-4.6	SA	1050	1350	-4.4
VE	1835	2110	+4.3	SA	1815	2055	+3.8
2	0010	0315	-3.7	17	0010	0255	-3.0
	0620	0935	+4.0		0555	0840	+3.0
SA	1210	1655	-4.9	SU	1130	1430	-4.8
SA	1920	2205	+5.2	DI	1855	2135	+4.8
3	0120	0430	-3.9	18	0110	0355	-3.4
	0730	1025	+3.7		0705	0930	+3.0
SU	1245	1645	-4.9	MO	1205	1515	-5.1
DI	2000	2255	+6.0	LU	1930	2215	+5.7
4	0215	0540	-4.1	19	0205	0450	-3.8
	0825	1105	+3.3		0800	1015	+3.1
MO	1320	1705	-4.9	TU	1245	1555	-5.5
LU	2040	2335	+6.3	MA	2010	2250	+6.5
5	0305	0635	-4.3	20	0250	0545	-4.0
	0920	1140	+3.0		0855	1100	+3.2
TU	1355	1655	-4.8	WE	1320	1640	-5.8
MA	2115			ME	2050	2330	+7.0
6		0010	+6.5	21	0340	0630	-4.2
	0345	0715	-4.4		0940	1140	+3.2
WE	1000	1215	+2.8	TH	1405	1725	-6.1
ME	1430	1730	-4.9	JE	2135		
	2150						
7		0040	+6.4	22		0010	+7.3
	0425	0745	-4.4		0425	0720	-4.2
TH	1045	1245	+2.6	FR	1030	1225	+3.3
JE	1505	1805	-4.9	VE	1445	1810	-6.2
	2225				2215		
8		0105	+6.3	23		0050	+7.4
	0505	0810	-4.4		0510	0805	-4.3
FR	1125	1320	+2.3	SA	1115	1315	+3.2
VE	1540	1845	-4.9	SA	1535	1900	-6.1
	2300				2300		
9		0135	+6.2	24		0135	+7.3
	0545	0845	-4.3		0555	0850	-4.4
SA	1215	1400	+1.9	SU	1210	1405	+3.0
SA	1615	1930	-4.7	DI	1630	2000	-5.8
	2330				2345		
10		0210	+6.0	25		0220	+7.0
	0630	0925	-4.2		0645	0945	-4.4
SU	1310	1445	+1.4	MO	1310	1510	+2.8
DI	1655	2015	-4.4	LU	1730	2100	-5.4
11	0005	0250	+5.7	26	0035	0315	+6.6
	0715	1005	-4.1		0735	1040	-4.6
MO	1415	1545	+1.0	TU	1415	1625	+2.7
LU	1740	2110	-3.9	MA	1840	2210	-4.8
12	0045	0330	+5.2	27	0125	0415	+6.1
	0800	1050	-4.0		0825	1140	-4.7
TU	1520	1705	+0.9	WE	1520	1740	+2.9
MA	1845	2210	-3.3	ME	2000	2320	-4.2
13	0130	0420	+4.6	28	0220	0535	+5.4
	0845	1135	-3.9		0915	1255	-4.8
WE	1620	1815	+1.2	TH	1625	1850	+3.4
ME	2005	2325	-2.8	JE	2125		
14	0220	0515	+4.1	29		0035	-3.5
	0925	1220	-4.0		0325	0700	+4.7
TH	1705	1915	+1.9	FR	1000	1425	-4.9
JE	2135			VE	1715	1955	+4.2
					2300		
15		0035	-2.5	30		0155	-3.2
	0325	0615	+3.5		0440	0810	+4.0
FR	1010	1305	-4.2	SA	1045	1530	-5.0
VE	1740	2005	+2.8	SA	1805	2100	+5.0
	2300						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0025	0320	-3.2	16		0225	-2.7
	0605	0910	+3.3		0515	0755	+3.0
SU	1125	1625	-5.1	MO	1035	1355	-5.2
DI	1850	2155	+5.8	LU	1810	2055	+5.2
2	0135	0440	-3.5	17	0100	0335	-3.0
	0725	1000	+2.9		0635	0900	+2.7
MO	1205	1710	-5.0	TU	1120	1450	-5.4
LU	1935	2250	+6.3	MA	1855	2145	+6.0
3	0230	0545	-3.8	18	0200	0435	-3.3
	0830	1050	+2.5		0745	0955	+2.7
TU	1245	1750	-4.9	WE	1205	1545	-5.8
MA	2015	2335	+6.5	ME	1945	2235	+6.6
4	0315	0640	-4.2	19	0255	0535	-3.7
	0920	1130	+2.4		0845	1045	+2.9
WE	1330	1735	-4.9	TH	1255	1640	-6.2
ME	2055			JE	2035	2320	+7.1
5		0015	+6.6	20	0345	0630	-4.0
	0355	0725	-4.3		0935	1135	+3.2
TH	1005	1210	+2.3	FR	1350	1730	-6.6
JE	1410	1750	-4.8	VE	2120		
	2135						
6		0050	+6.4	21		0005	+7.5
	0435	0800	-4.4		0430	0725	-4.3
FR	1045	1245	+2.2	SA	1025	1220	+3.5
VE	1450	1820	-4.9	SA	1445	1825	-6.9
	2210				2210		
7		0110	+6.3	22		0050	+7.7
	0510	0835	-4.3		0510	0815	-4.6
SA	1130	1320	+2.0	SU	1110	1315	+3.8
SA	1530	1855	-4.9	DI	1545	1915	-6.9
	2245				2255		
8		0125	+6.2	23		0140	+7.7
	0545	0850	-4.3		0555	0910	-4.9
SU	1210	1355	+1.9	MO	1205	1410	+3.9
DI	1615	1935	-4.9	LU	1645	2010	-6.7
	2315				2340		
9		0155	+6.2	24		0230	+7.7
	0620	0910	-4.3		0635	1005	-5.3
MO	1255	1440	+1.8	TU	1255	1510	+3.9
LU	1655	2015	-4.6	MA	1745	2110	-6.2
	2350						
10		0230	+6.1	25	0025	0325	+7.3
	0655	0940	-4.4		0715	1055	-5.5
TU	1340	1530	+1.7	WE	1350	1620	+4.0
MA	1750	2100	-4.2	ME	1845	2210	-5.4
11	0025	0310	+5.8	26	0110	0430	+6.8
	0730	1015	-4.5		0755	1145	-5.6
WE	1430	1630	+1.8	TH	1450	1725	+4.2
ME	1845	2155	-3.7	JE	1955	2315	-4.5
12	0100	0355	+5.4	27	0200	0535	+5.9
	0805	1055	-4.7		0835	1235	-5.6
TH	1515	1730	+2.2	FR	1545	1825	+4.6
JE	1955	2255	-3.2	VE	2120		
13	0150	0440	+4.8	28		0025	-3.7
	0840	1135	-4.8		0305	0635	+4.8
FR	1600	1825	+2.8	SA	0915	1335	-5.3
VE	2110			SA	1635	1930	+5.0
					2250		
14		0005	-2.8	29		0140	-3.1
	0245	0540	+4.2		0420	0735	+3.7
SA	0915	1220	-4.9	SU	1000	1405	-5.2
SA	1645	1915	+3.5	DI	1730	2030	+5.5
	2230						
15		0115	-2.6	30	0015	0305	-3.0
	0355	0645	+3.5		0550	0835	+2.9
SU	0955	1305	-5.1	MO	1040	1500	-5.0
DI	1730	2005	+4.3	LU	1820	2135	+5.9
	2350						
				31	0125	0425	-3.3
					0715	0935	+2.4
				TU	1130	1630	-5.1
				MA	1905	2235	+6.4

+ FLOOD/FLOT DIRECTION 091 TRUE/VRAIE - EBB/JUSANT DIRECTION 271 TRUE/VRAIE

DODD NARROWS PST Z+8

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0050	+9.2	16		0110	+7.9
	0445	0805	-6.2		0500	0745	-5.2
TU	1055	1305	+4.7	WE	1110	1320	+3.8
MA	1530	1910	-8.3	ME	1535	1920	-6.8
	2230				2220		
2		0135	+9.1	17		0140	+7.9
	0530	0900	-6.5		0525	0825	-5.4
WE	1145	1400	+4.9	TH	1140	1400	+4.1
ME	1630	2000	-7.9	JE	1620	2005	-6.7
	2315				2255		
3		0225	+8.9	18		0215	+6.2
	0605	0945	-6.7		0550	0905	-5.7
TH	1235	1455	+4.9	FR	1215	1440	+4.3
JE	1725	2050	-7.3	VE	1710	2050	-6.3
	2355				2330		
4		0315	+8.4	19		0300	+5.7
	0645	1030	-6.7		0615	0910	-5.8
FR	1325	1550	+4.9	SA	1250	1525	+4.5
VE	1825	2145	-6.4	SA	1800	2130	-5.7
5	0040	0405	+7.8	20	0010	0300	+7.4
	0725	1100	-6.6		0645	0935	-6.2
SA	1415	1650	+5.0	SU	1325	1610	+4.9
SA	1930	2235	-5.5	DI	1850	2155	-5.2
6	0125	0455	+6.8	21	0050	0335	+6.9
	0800	1135	-6.4		0715	1035	-6.4
SU	1510	1745	+5.3	MO	1405	1700	+5.3
DI	2045	2335	-4.5	LU	1950	2245	-4.4
7	0220	0550	+5.6	22	0135	0425	+5.9
	0840	1215	-6.2		0750	1055	-6.5
MO	1600	1840	+5.6	TU	1450	1750	+5.8
LU	2215			MA	2055		
8		0035	-3.7	23		0015	-3.9
	0330	0645	+4.4		0235	0525	+4.7
TU	0915	1300	-5.9	WE	0830	1130	-6.5
MA	1650	1935	+6.0	ME	1540	1840	+6.3
	2340				2215		
9		0140	-3.2	24		0120	-3.6
	0500	0740	+3.5		0350	0645	+3.5
WE	0955	1355	-5.7	TH	0915	1230	-6.3
ME	1740	2035	+6.4	JE	1635	1940	+6.7
					2345		
10	0050	0320	-3.1	25		0230	-3.7
	0635	0840	+2.8		0525	0740	+2.9
TH	1040	1455	-5.6	FR	1005	1325	-6.4
JE	1825	2135	+6.8	VE	1735	2050	+7.1
11	0145	0435	-3.7	26	0105	0345	-4.1
	0745	0935	+2.6		0700	0915	+2.9
FR	1130	1545	-5.7	SA	1110	1520	-6.6
VE	1910	2230	+7.2	SA	1840	2205	+7.6
12	0235	0525	-4.3	27	0205	0455	-4.7
	0845	1025	+2.6		0810	1015	+3.4
SA	1220	1635	-6.0	SU	1220	1620	-7.3
SA	1955	2315	+7.5	DI	1945	2310	+8.2
13	0315	0605	-4.7	28	0300	0610	-5.3
	0930	1110	+2.8		0905	1110	+4.1
SU	1315	1715	-6.3	MO	1330	1715	-7.8
DI	2035	2355	+7.8	LU	2040		
14	0355	0645	-5.0	29		0000	+8.6
	1005	1155	+3.1		0345	0720	-6.0
MO	1405	1800	-6.6	TU	0955	1205	+4.8
LU	2115			MA	1440	1800	-8.1
					2135		
15		0035	+7.9	30		0045	+8.8
	0430	0720	-5.1		0420	0730	-6.6
TU	1040	1240	+3.5	WE	1040	1250	+5.4
MA	1450	1840	-6.8	ME	1535	1850	-8.0
	2150				2220		
				31		0125	+8.8
					0500	0815	-7.0
				TH	1125	1340	+5.7
				JE	1630	1940	-7.6
					2300		

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0205	+8.5	16		0140	+7.7
	0530	0850	-7.0		0505	0815	-5.8
FR	1205	1430	+5.9	SA	1135	1405	+5.9
VE	1720	2030	-7.0	SA	1700	2030	-6.6
	2335				2315		
2		0245	+8.0	17		0200	+7.5
	0605	0935	-6.8		0530	0850	-6.3
SA	1250	1520	+6.0	SU	1210	1440	+6.3
SA	1815	2120	-6.3	DI	1745	2115	-6.0
					2355		
3	0015	0330	+7.3	18		0230	+7.1
	0635	1020	-6.8		0600	0905	-6.8
SU	1330	1615	+6.0	MO	1245	1520	+6.5
DI	1910	2215	-5.5	LU	1835	2135	-5.4
4	0100	0420	+6.2	19	0035	0430	+4.7
	0705	1050	-6.6		0635	0915	-6.8
MO	1415	1705	+6.1	TU	1320	1610	+6.7
LU	2020	2310	-4.6	MA	1930	2300	-4.8
5	0150	0510	+5.0	20	0125	0400	+5.1
	0740	1130	-6.3		0710	1000	-6.7
TU	1500	1800	+6.2	WE	1405	1700	+6.9
MA	2145			ME	2035	2355	-4.3
6		0005	-3.8	21	0230	0510	+3.8
	0255	0605	+3.7		0750	1055	-6.3
WE	0815	1220	-5.8	TH	1455	1800	+6.8
ME	1550	1855	+6.2	JE	2200		
	2305						
7		0110	-3.3	22		0105	-4.0
	0440	0705	+2.7		0355	0640	+2.8
TH	0855	1315	-5.4	FR	0845	1210	-6.0
JE	1640	1950	+6.2	VE	1600	1910	+6.7
					2330		
8	0015	0215	-3.2	23		0215	-4.0
	0620	0810	+2.1		0540	0800	+2.6
FR	0945	1415	-5.2	SA	0945	1335	-5.7
VE	1735	2055	+6.2	SA	1710	2035	+6.8
9	0115	0355	-3.5	24	0045	0330	-4.4
	0730	0905	+2.1		0700	0905	+3.0
SA	1050	1515	-5.3	SU	1105	1510	-6.3
SA	1830	2200	+6.5	DI	1820	2200	+7.3
10	0205	0455	-4.0	25	0140	0500	-5.1
	0820	1000	+2.5		0800	1005	+3.9
SU	1200	1605	-5.7	MO	1230	1605	-6.9
DI	1925	2255	+6.8	LU	1930	2300	+7.8
11	0245	0540	-4.5	26	0230	0540	-6.0
	0900	1050	+3.1		0850	1100	+4.8
MO	1310	1650	-6.2	TU	1345	1655	-7.3
LU	2015	2335	+7.2	MA	2030	2345	+8.0
12	0325	0625	-4.8	27	0310	0630	-6.6
	0935	1135	+3.8		0935	1150	+5.7
TU	1405	1735	-6.7	WE	1445	1745	-7.4
MA	2055			ME	2120		
13		0015	+7.5	28		0025	+8.1
	0355	0700	-5.0		0345	0710	-6.9
WE	1005	1215	+4.5	TH	1015	1235	+6.3
ME	1450	1820	-7.1	JE	1540	1830	-7.3
	2135				2200		
14		0050	+7.7				
	0425	0720	-5.3				
TH	1035	1255	+5.1				
JE	1535	1900	-7.2				
	2210						
15		0120	+7.8				
	0445	0800	-5.6				
FR	1105	1330	+5.5				
VE	1615	1945	-7.0				
	2240						

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0100	+7.9	16		0040	+7.2
	0420	0750	-7.0		0350	0700	-6.1
FR	1055	1320	+6.7	SA	1020	1300	+7.2
VE	1625	1925	-7.0	SA	1610	1930	-6.9
	2240				2225		
2		0135	+7.6	17		0100	+7.0
	0450	0825	-6.8		0415	0710	-6.5
SA	1130	1400	+6.9	SU	1055	1330	+7.6
SA	1710	2015	-6.7	DI	1650	2020	-6.6
	2320				2300		
3		0210	+7.1	18		0130	+6.7
	0520	0910	-6.8		0445	0740	-7.2
SU	1210	1450	+7.0	MO	1130	1405	+7.9
DI	1800	2105	-6.2	LU	1735	2105	-6.1
	2355				2340		
4		0255	+6.3	19		0205	+6.1
	0545	0930	-6.7		0520	0820	-7.4
MO	1245	1535	+7.0	TU	1205	1445	+8.0
LU	1850	2155	-5.6	MA	1825	2155	-5.7
5	0040	0345	+5.3	20	0025	0250	+5.3
	0615	0945	-6.4		0555	0900	-7.3
TU	1320	1625	+6.9	WE	1245	1535	+7.9
MA	1950	2245	-5.0	ME	1920	2245	-5.2
6	0130	0440	+4.1	21	0125	0350	+4.1
	0650	1050	-6.1		0635	0935	-6.6
WE	1355	1715	+6.7	TH	1330	1630	+7.6
ME	2100	2340	-4.3	JE	2030	2345	-4.8
7	0235	0535	+3.0	22	0235	0515	+3.1
	0725	1110	-5.4		0725	1040	-6.2
TH	1440	1810	+6.3	FR	1425	1735	+7.2
JE	2215			VE	2145		
8		0035	-3.9	23		0045	-4.7
	0425	0635	+2.1		0410	0635	+2.7
FR	0810	1235	-4.9	SA	0830	1230	-5.6
VE	1530	1910	+5.9	SA	1530	1855	+6.8
	2325				2305		
9		0135	-3.7	24		0155	-4.7
	0600	0740	+1.9		0540	0750	+2.9
SA	0910	1335	-4.6	SU	0950	1345	-5.5
SA	1630	2015	+5.6	DI	1645	2025	+6.7
10	0025	0310	-3.6	25	0010	0315	-5.1
	0700	0840	+2.2		0645	0855	+3.7
SU	1025	1440	-4.7	MO	1120	1450	-5.8
DI	1735	2120	+5.8	LU	1800	2135	+6.9
11	0115	0410	-4.0	26	0105	0425	-5.9
	0745	0935	+2.9		0735	0950	+4.7
MO	1150	1530	-5.3	TU	1245	1545	-6.1
LU	1845	2215	+6.2	MA	1910	2230	+7.0
12	0200	0500	-4.4	27	0150	0520	-6.4
	0820	1020	+3.8		0820	1045	+5.8
TU	1305	1620	-6.0	WE	1355	1635	-6.3
MA	1940	2305	+6.7	ME	2010	2315	+7.0
13	0235	0540	-4.8	28	0230	0555	-6.6
	0855	1105	+4.8		0905	1130	+6.6
WE	1400	1710	-6.6	TH	1445	1725	-6.4
ME	2030	2340	+7.0	JE	2100	2355	+6.9
14	0305	0610	-5.1	29	0305	0650	-6.8
	0920	1150	+5.7		0940	1215	+7.2
TH	1445	1755	-7.0	FR	1535	1820	-6.3
JE	2110			VE	2145		
15		0015	+7.2	30		0025	+6.6
	0325	0630	-5.7		0335	0720	-6.6
FR	0950	1225	+6.5	SA	1020	1255	+7.6
VE	1525	1845	-7.1	SA	1620	1915	-6.3
	2145				2225		
				31		0100	+6.3
					0400	0730	-6.6
				SU	1055	1330	+7.8
				DI	1700	2000	-6.3
					2300		

+ FLOOD/FLOT DIRECTION 335 TRUE/VRAIE

- EBB/JUSANT DIRECTION 155 TRUE/VRAIE

TABLE DES COURANTS

DODD NARROWS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0140	+5.8	16		0105	+5.6
	0430	0755	-6.6		0400	0655	-7.8
MO	1125	1415	+7.8	TU	1055	1335	+8.9
LU	1745	2045	-6.1	MA	1730	2055	-6.0
	2340				2330		
2		0225	+5.1	17		0150	+5.1
	0500	0840	-6.5		0440	0745	-7.7
TU	1155	1455	+7.8	WE	1140	1420	+8.8
MA	1830	2130	-5.8	ME	1820	2145	-5.8
3	0025	0315	+4.1	18	0025	0245	+4.3
	0530	0850	-6.2		0525	0830	-7.0
WE	1225	1540	+7.5	TH	1220	1510	+8.4
ME	1920	2220	-5.4	JE	1920	2235	-5.6
4	0120	0410	+3.2	19	0130	0400	+3.6
	0605	0940	-5.8		0615	0935	-6.7
TH	1300	1630	+7.0	FR	1310	1615	+8.0
JE	2015	2310	-5.0	VE	2020	2330	-5.4
5	0230	0505	+2.4	20	0245	0515	+3.1
	0645	1025	-5.1		0715	1040	-6.0
FR	1340	1725	+6.4	SA	1405	1725	+7.4
VE	2115			SA	2125		
6		0000	-4.6	21		0030	-5.4
	0405	0610	+2.0		0410	0625	+3.2
SA	0740	1115	-4.4	SU	0830	1150	-5.4
SA	1425	1825	+5.8	DI	1510	1840	+6.9
	2215				2230		
7		0055	-4.4	22		0135	-5.4
	0520	0710	+2.1		0520	0735	+3.7
SU	0845	1220	-3.9	MO	1000	1320	-5.2
DI	1525	1930	+5.3	LU	1620	2000	+6.5
	2315				2325		
8		0150	-4.4	23		0250	-5.6
	0615	0810	+2.7		0615	0835	+4.6
MO	1005	1400	-4.2	TU	1135	1425	-5.1
LU	1635	2035	+5.3	MA	1735	2105	+6.2
9	0005	0245	-4.7	24	0015	0400	-6.2
	0700	0905	+3.6		0705	0930	+5.6
TU	1135	1500	-4.8	WE	1250	1525	-5.2
MA	1750	2130	+5.6	ME	1850	2155	+6.0
10	0045	0335	-5.0	25	0100	0440	-6.4
	0730	0950	+4.7		0750	1020	+6.5
WE	1250	1550	-5.4	TH	1350	1620	-5.2
ME	1855	2220	+6.0	JE	1955	2240	+5.7
11	0120	0420	-5.4	26	0140	0530	-6.4
	0805	1035	+5.9		0830	1110	+7.2
TH	1340	1640	-6.0	FR	1440	1720	-5.3
JE	1955	2300	+6.3	VE	2045	2320	+5.5
12	0150	0500	-5.8	27	0215	0610	-6.3
	0835	1115	+6.9		0905	1150	+7.7
FR	1430	1730	-6.3	SA	1530	1815	-5.5
VE	2040	2330	+6.3	SA	2130	2355	+5.2
13	0220	0530	-6.3	28	0245	0620	-6.2
	0905	1150	+7.8		0940	1230	+8.0
SA	1510	1825	-6.5	SU	1610	1905	-5.7
SA	2125	2355	+6.2	DI	2210		
14	0250	0550	-6.8	29		0035	+4.9
	0940	1225	+8.4		0315	0635	-6.4
SU	1555	1915	-6.4	MO	1015	1305	+8.2
DI	2205			LU	1655	1945	-5.9
					2250		
15		0030	+6.0	30		0115	+4.4
	0325	0635	-7.4		0340	0715	-6.4
MO	1020	1300	+8.8	TU	1045	1340	+8.2
LU	1640	2005	-6.3	MA	1735	2025	-5.9
	2245				2335		

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0200	+3.8	16		0140	+4.4
	0415	0735	-6.3		0415	0740	-7.6
WE	1110	1420	+8.1	TH	1120	1405	+9.0
ME	1815	2110	-5.9	JE	1815	2130	-5.9
2	0020	0250	+3.2	17	0025	0245	+4.0
	0450	0820	-6.0		0510	0855	-7.3
TH	1140	1500	+7.7	FR	1205	1500	+8.6
JE	1855	2150	-5.7	VE	1910	2220	-5.9
3	0110	0345	+2.7	18	0130	0355	+3.7
	0530	0910	-5.4		0605	0955	-6.8
FR	1215	1545	+7.2	SA	1255	1605	+8.1
VE	1935	2240	-5.4	SA	2005	2315	-5.9
4	0210	0440	+2.3	19	0240	0505	+3.7
	0615	0955	-4.9		0715	1055	-6.1
SA	1255	1635	+6.5	SU	1345	1715	+7.6
SA	2020	2330	-5.2	DI	2055		
5	0325	0540	+2.2	20		0010	-5.9
	0715	1055	-4.3		0345	0610	+4.0
SU	1340	1735	+5.9	MO	0830	1155	-5.4
DI	2105			LU	1445	1820	+6.9
					2150		
6		0020	-5.1	21		0105	-5.9
	0430	0640	+2.6		0450	0710	+4.6
MO	0825	1140	-3.8	TU	1000	1255	-4.8
LU	1435	1840	+5.5	MA	1555	1925	+6.1
	2155				2240		
7		0110	-5.1	22		0205	-5.8
	0520	0735	+3.3		0540	0810	+5.3
TU	0945	1325	-3.9	WE	1130	1400	-4.4
MA	1540	1945	+5.3	ME	1710	2025	+5.4
	2240				2325		
8		0200	-5.3	23		0310	-5.8
	0600	0825	+4.3		0630	0905	+6.1
WE	1110	1425	-4.2	TH	1245	1505	-4.2
ME	1650	2040	+5.2	JE	1830	2120	+4.9
	2325						
9		0245	-5.6	24	0010	0410	-6.0
	0635	0915	+5.4		0715	0955	+6.8
TH	1220	1520	-4.7	FR	1345	1610	-4.3
JE	1805	2130	+5.3	VE	1935	2205	+4.5
10	0005	0325	-6.0	25	0045	0435	-5.9
	0710	1000	+6.6		0755	1045	+7.4
FR	1320	1610	-5.2	SA	1435	1715	-4.6
VE	1915	2210	+5.3	SA	2030	2250	+4.2
11	0040	0405	-6.4	26	0120	0500	-6.0
	0745	1040	+7.6		0835	1130	+7.8
SA	1410	1705	-5.5	SU	1525	1805	-4.9
SA	2010	2250	+5.2	DI	2120	2330	+4.0
12	0120	0435	-6.9	27	0155	0535	-6.1
	0825	1120	+8.4		0910	1205	+8.1
SU	1500	1805	-5.7	MO	1605	1845	-5.2
DI	2100	2325	+5.1	LU	2205		
13	0200	0510	-7.4	28		0010	+3.8
	0905	1155	+8.9		0230	0615	-6.2
MO	1545	1900	-5.8	TU	0940	1240	+8.1
LU	2145			MA	1645	1925	-5.5
					2245		
14		0005	+4.9	29		0055	+3.5
	0240	0550	-7.7		0305	0655	-6.2
TU	0950	1235	+9.2	WE	1010	1315	+8.1
MA	1635	1950	-5.8	ME	1720	2000	-5.6
	2235				2330		
15		0050	+4.8	30		0140	+3.2
	0325	0635	-7.8		0340	0740	-6.1
WE	1035	1315	+9.2	TH	1040	1350	+7.9
ME	1725	2040	-5.8	JE	1755	2040	-5.6
	2325						
				31	0010	0225	+2.9
					0420	0825	-5.9
				FR	1110	1425	+7.6
				VE	1830	2125	-5.5

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0055	0315	+2.7	16	0115	0340	+4.5
	0510	0910	-5.5		0605	0940	-7.0
SA	1145	1505	+7.2	SU	1235	1555	+8.2
SA	1900	2210	-5.4	DI	1935	2300	-6.3
2	0140	0410	+2.6	17	0215	0440	+4.6
	0600	1000	-5.0		0710	1035	-6.2
SU	1225	1545	+6.8	MO	1325	1655	+7.5
DI	1935	2255	-5.4	LU	2020	2345	-6.2
3	0230	0510	+2.8	18	0315	0545	+4.8
	0700	1050	-4.5		0825	1130	-5.2
MO	1310	1635	+6.3	TU	1420	1755	+6.5
LU	2015	2340	-5.5	MA	2105		
4	0320	0605	+3.3	19		0030	-6.1
	0805	1150	-4.0		0410	0640	+5.3
TU	1400	1735	+5.8	WE	0950	1235	-4.4
MA	2055			ME	1525	1850	+5.5
					2145		
5		0025	-5.7	20		0115	-5.8
	0410	0655	+4.0		0500	0735	+5.8
WE	0915	1250	-3.8	TH	1120	1335	-3.8
ME	1455	1840	+5.3	JE	1645	1950	+4.5
	2135				2230		
6		0110	-5.9	21		0210	-5.7
	0455	0745	+4.9		0550	0835	+6.3
TH	1030	1350	-3.8	FR	1235	1445	-3.6
JE	1605	1945	+4.8	VE	1810	2045	+3.8
	2220				2310		
7		0150	-6.1	22		0305	-5.6
	0535	0830	+5.9		0635	0930	+6.8
FR	1150	1445	-4.1	SA	1335	1555	-3.7
VE	1720	2040	+4.5	SA	1925	2135	+3.4
	2300				2355		
8		0230	-6.3	23		0350	-5.7
	0615	0920	+6.9		0720	1025	+7.2
SA	1255	1545	-4.4	SU	1425	1700	-4.1
SA	1835	2130	+4.2	DI	2025	2225	+3.2
	2345						
9		0315	-6.7	24	0035	0435	-5.9
	0700	1005	+7.7		0800	1110	+7.5
SU	1355	1645	-4.7	MO	1510	1750	-4.5
DI	1945	2215	+4.2	LU	2115	2310	+3.2
10	0030	0405	-7.1	25	0120	0515	-6.1
	0750	1050	+8.4		0840	1150	+7.7
MO	1450	1745	-5.0	TU	1555	1825	-4.8
LU	2045	2305	+4.2	MA	2200	2355	+3.2
11	0120	0455	-7.6	26	0200	0555	-6.2
	0840	1135	+8.8		0915	1225	+7.8
TU	1540	1840	-5.2	WE	1630	1900	-5.0
MA	2135	2350	+4.4	ME	2240		
12	0210	0550	-7.9	27		0035	+3.3
	0930	1220	+9.0		0245	0635	-6.3
WE	1630	1935	-5.5	TH	0950	1300	+7.7
ME	2230			JE	1705	1935	-5.1
					2315		
13		0040	+4.5	28		0120	+3.3
	0305	0645	-8.1		0325	0720	-6.3
TH	1020	1310	+9.0	FR	1020	1335	+7.6
JE	1720	2025	-5.7	VE	1735	2015	-5.2
	2320				2350		
14		0135	+4.6	29		0200	+3.3
	0405	0745	-8.0		0410	0800	-6.2
FR	1105	1355	+8.9	SA	1055	1405	+7.5
VE	1805	2115	-6.0	SA	1800	2100	-5.3
15	0020	0235	+4.5	30	0025	0245	+3.4
	0500	0840	-7.6		0455	0845	-5.9
SA	1150	1455	+8.6	SU	1130	1435	+7.3
SA	1850	2210	-6.2	DI	1830	2140	-5.4

+ FLOOD/FLOT DIRECTION 335 TRUE/VRAIE - EBB/JUSANT DIRECTION 155 TRUE/VRAIE

DODD NARROWS PST Z+8

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0100	0335	+3.5	16	0140	0415	+5.5
	0545	0930	-5.4		0700	1010	-6.0
MO	1205	1505	+7.1	TU	1305	1625	+7.0
LU	1855	2225	-5.6	MA	1930	2315	-6.4
2	0140	0430	+3.7	17	0230	0515	+5.6
	0640	1020	-4.8		0810	1110	-5.1
TU	1245	1545	+6.6	WE	1355	1720	+5.9
MA	1930	2300	-5.8	ME	2010	2350	-6.2
3	0220	0520	+4.2	18	0325	0610	+5.8
	0740	1115	-4.2		0930	1210	-4.2
WE	1330	1635	+6.0	TH	1500	1815	+4.7
ME	2005	2335	-6.0	JE	2050		
4	0305	0610	+4.8	19		0035	-5.8
	0845	1215	-3.8		0415	0705	+6.0
TH	1425	1730	+5.2	FR	1100	1310	-3.5
JE	2045			VE	1625	1915	+3.6
					2130		
5		0005	-6.1	20		0125	-5.6
	0350	0655	+5.5		0505	0800	+6.3
FR	1000	1315	-3.6	SA	1215	1420	-3.3
VE	1530	1840	+4.3	SA	1800	2015	+2.9
	2125				2215		
6		0040	-6.2	21		0225	-5.4
	0440	0745	+6.2		0600	0905	+6.5
SA	1120	1420	-3.7	SU	1315	1600	-3.6
SA	1650	1955	+3.6	DI	1920	2110	+2.7
	2210				2310		
7		0135	-6.3	22		0320	-5.6
	0530	0840	+6.8		0645	1005	+6.8
SU	1235	1525	-3.9	MO	1410	1655	-4.2
DI	1815	2100	+3.3	LU	2015	2200	+2.7
	2305						
8		0250	-6.6	23	0005	0410	-5.8
	0630	0940	+7.4		0735	1055	+7.1
MO	1345	1625	-4.3	TU	1455	1750	-4.6
LU	1935	2200	+3.5	MA	2105	2250	+3.0
	2355						
9		0335	-7.2	24	0105	0455	-6.1
	0725	1035	+7.9		0820	1140	+7.3
TU	1440	1725	-4.7	WE	1535	1820	-4.8
MA	2035	2250	+3.9	ME	2145	2335	+3.4
10	0100	0435	-7.7	25	0155	0535	-6.5
	0825	1130	+8.4		0900	1215	+7.4
WE	1530	1820	-5.2	TH	1610	1905	-4.8
ME	2130	2340	+4.5	JE	2220		
11	0200	0545	-8.3	26		0015	+3.8
	0920	1220	+8.8		0240	0615	-6.7
TH	1615	1920	-5.6	FR	0935	1250	+7.5
JE	2220			VE	1640	1945	-4.8
					2250		
12		0035	+5.0	27		0055	+4.1
	0305	0635	-8.4		0320	0700	-6.8
FR	1005	1305	+8.9	SA	1010	1320	+7.5
VE	1700	2025	-5.9	SA	1705	1950	-5.1
	2310				2320		
13		0125	+5.3	28		0135	+4.3
	0405	0730	-8.3		0405	0740	-6.7
SA	1055	1350	+8.8	SU	1040	1350	+7.5
SA	1740	2120	-6.3	DI	1725	2030	-5.4
					2350		
14	0000	0220	+5.4	29		0215	+4.6
	0500	0825	-7.7		0450	0825	-6.3
SU	1135	1440	+8.5	MO	1115	1410	+7.3
DI	1815	2205	-6.5	LU	1750	2110	-5.7
15	0050	0315	+5.4	30	0020	0255	+4.8
	0600	0920	-7.0		0535	0910	-5.8
MO	1220	1535	+7.9	TU	1150	1435	+7.1
LU	1855	2240	-6.6	MA	1815	2140	-5.9
				31	0055	0340	+5.0
					0625	0925	-5.2
				WE	1225	1510	+6.6
				ME	1845	2155	-6.2

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0135	0425	+5.3	16	0230	0530	+6.3
	0720	1015	-4.5		0905	1145	-4.3
TH	1310	1555	+5.7	FR	1440	1740	+3.8
JE	1920	2210	-6.3	VE	1955	2355	-5.8
2	0215	0515	+5.7	17	0320	0625	+6.2
	0820	1120	-3.9		1030	1245	-3.7
FR	1405	1650	+4.6	SA	1615	1845	+2.8
VE	2000	2250	-6.3	SA	2035		
3	0300	0605	+6.1	18		0050	-5.4
	0930	1230	-3.5		0415	0725	+6.1
SA	1515	1805	+3.4	SU	1145	1350	-3.5
SA	2045	2345	-6.1	DI	1755	1945	+2.3
					2130		
4	0355	0700	+6.3	19		0150	-5.2
	1100	1400	-3.7		0515	0830	+6.1
SU	1645	1935	+2.8	MO	1245	1535	-3.6
DI	2135			LU	1905	2045	+2.3
					2235		
5		0120	-6.0	20		0250	-5.3
	0500	0810	+6.6		0610	0940	+6.3
MO	1220	1505	-4.0	TU	1335	1640	-4.2
LU	1820	2050	+2.8	MA	2000	2140	+2.7
	2240				2355		
6		0215	-6.4	21		0340	-5.6
	0605	0925	+7.1		0710	1030	+6.6
TU	1330	1610	-4.5	WE	1420	1715	-4.6
MA	1935	2150	+3.4	ME	2040	2230	+3.3
	2345						
7		0350	-7.2	22	0105	0430	-6.2
	0710	1035	+7.7		0800	1115	+7.0
WE	1425	1710	-5.0	TH	1500	1805	-5.0
ME	2030	2240	+4.3	JE	2115	2315	+4.1
8	0100	0445	-7.9	23	0200	0510	-6.7
	0810	1125	+8.3		0840	1155	+7.3
TH	1510	1815	-5.6	FR	1530	1840	-5.1
JE	2120	2335	+5.2	VE	2145	2355	+4.7
9	0210	0535	-8.3	24	0240	0555	-7.0
	0905	1210	+8.6		0920	1230	+7.4
FR	1550	1910	-6.2	SA	1600	1915	-5.2
VE	2205			SA	2215		
10		0020	+5.8	25		0035	+5.3
	0310	0620	-8.4		0320	0640	-7.1
SA	0955	1250	+8.7	SU	0950	1300	+7.4
SA	1625	1950	-6.6	DI	1620	1920	-5.6
	2250				2240		
11		0110	+6.3	26		0110	+5.7
	0405	0710	-8.0		0400	0725	-7.0
SU	1035	1330	+8.5	MO	1025	1320	+7.3
DI	1700	2035	-6.8	LU	1640	1950	-5.9
	2335				2310		
12		0155	+6.4	27		0145	+6.1
	0455	0805	-7.5		0440	0810	-6.6
MO	1120	1410	+8.0	TU	1055	1340	+7.1
LU	1735	2115	-6.8	MA	1705	2005	-6.2
					2340		
13	0020	0250	+6.4	28		0215	+6.3
	0550	0900	-6.7		0525	0855	-6.0
TU	1200	1500	+7.3	WE	1135	1405	+6.6
MA	1810	2200	-6.8	ME	1730	2010	-6.5
14	0100	0345	+6.4	29	0015	0250	+6.5
	0645	0950	-5.9		0610	0945	-5.4
WE	1240	1550	+6.3	TH	1215	1440	+5.9
ME	1840	2230	-6.6	JE	1805	2040	-6.7
15	0145	0435	+6.3	30	0050	0335	+6.6
	0750	1045	-5.0		0705	1035	-4.8
TH	1330	1645	+5.1	FR	1300	1525	+4.9
JE	1915	2310	-6.3	VE	1840	2120	-6.6
				31	0135	0425	+6.7
					0805	1135	-4.3
				SA	1400	1630	+3.6
				SA	1920	2210	-6.3

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0225	0525	+6.6	16		0015	-5.1
	0915	1235	-4.1		0315	0650	+5.9
SU	1520	1805	+2.7	MO	1100	1310	-4.0
DI	2010	2335	-5.8	LU	1740	1920	+2.0
					2055		
2	0325	0630	+6.5	17		0115	-4.7
	1045	1340	-4.1		0420	0755	+5.7
MO	1700	1930	+2.4	TU	1200	1455	-4.0
LU	2115			MA	1840	2020	+2.3
					2215		
3		0125	-5.7	18		0215	-4.8
	0430	0755	+6.6		0525	0900	+5.8
TU	1200	1450	-4.5	WE	1250	1550	-4.4
MA	1830	2040	+3.0	ME	1930	2115	+3.1
	2230				2355		
4		0240	-6.3	19		0310	-5.3
	0545	0920	+7.0		0630	1000	+6.1
WE	1300	1555	-5.1	TH	1335	1640	-4.8
ME	1930	2140	+4.0	JE	2005	2205	+4.0
	2355						
5		0335	-7.0	20	0105	0400	-5.9
	0655	1025	+7.6		0730	1045	+6.5
TH	1350	1710	-5.7	FR	1410	1725	-5.2
JE	2015	2230	+5.1	VE	2035	2250	+5.0
6	0110	0430	-7.6	21	0150	0450	-6.5
	0755	1110	+8.0		0815	1120	+6.9
FR	1435	1825	-6.3	SA	1440	1730	-5.6
VE	2100	2320	+6.1	SA	2105	2330	+5.9
7	0215	0515	-7.8	22	0230	0535	-6.9
	0850	1150	+8.1		0855	1155	+7.0
SA	1515	1920	-6.8	SU	1500	1805	-5.9
SA	2145			DI	2135		
8		0005	+6.8	23		0005	+6.7
	0310	0605	-7.7		0310	0620	-7.0
SU	0940	1230	+8.0	MO	0930	1225	+6.9
DI	1545	1920	-7.2	LU	1525	1835	-6.3
	2225				2205		
9		0050	+7.3	24		0040	+7.2
	0400	0655	-7.4		0350	0710	-6.8
MO	1020	1305	+7.7	TU	1005	1245	+6.7
LU	1620	2000	-7.1	MA	1550	1850	-6.6
	2305				2235		
10		0135	+7.4	25		0110	+7.6
	0450	0750	-6.9		0430	0800	-6.5
TU	1100	1340	+7.1	WE	1040	1310	+6.3
MA	1650	2020	-7.0	ME	1620	1935	-7.2
	2345				2305		
11		0220	+7.4	26		0140	+7.8
	0535	0840	-6.5		0515	0845	-6.0
WE	1140	1425	+6.3	TH	1120	1340	+5.7
ME	1720	2100	-6.9	JE	1650	1955	-7.5
					2340		
12	0020	0305	+7.2	27		0215	+7.9
	0630	0935	-5.9		0600	0935	-5.5
TH	1225	1520	+5.3	FR	1205	1420	+4.9
JE	1755	2145	-6.7	VE	1725	2035	-7.4
13	0055	0400	+7.0	28	0020	0300	+7.7
	0725	1025	-5.3		0655	1025	-5.1
FR	1315	1615	+4.1	SA	1255	1515	+3.9
VE	1825	2230	-6.3	SA	1805	2055	-6.7
14	0135	0450	+6.8	29	0105	0355	+7.4
	0835	1115	-4.7		0755	1120	-4.8
SA	1430	1715	+3.0	SU	1405	1635	+2.9
SA	1905	2320	-5.7	DI	1855	2210	-6.0
15	0220	0550	+6.4	30	0155	0500	+7.1
	0950	1215	-4.2		0905	1220	-4.7
SU	1610	1815	+2.2	MO	1535	1805	+2.5
DI	1950			LU	1955	2355	-5.6

+ FLOOD/FLOT DIRECTION 335 TRUE/VRAIE

- EBB/JUSANT DIRECTION 155 TRUE/VRAIE

DODD NARROWS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0300	0615	+6.8	16		0040	-4.3
	1025	1325	-4.9		0315	0715	+5.4
TU	1705	1920	+2.8	WE	1055	1330	-4.7
MA	2115			ME	1805	1950	+2.7
					2200		
2		0110	-5.6	17		0145	-4.2
	0410	0745	+6.7		0425	0820	+5.3
WE	1130	1430	-5.3	TH	1145	1430	-4.9
ME	1815	2025	+3.7	JE	1845	2045	+3.7
	2240				2340		
3		0220	-6.0	18		0240	-4.6
	0525	0900	+6.9		0540	0915	+5.5
TH	1225	1550	-5.8	FR	1225	1520	-5.3
JE	1905	2125	+4.8	VE	1920	2135	+4.8
4	0010	0320	-6.4	19	0050	0335	-5.2
	0635	1000	+7.2		0645	1000	+5.8
FR	1310	1635	-6.6	SA	1300	1605	-5.8
VE	1955	2215	+6.0	SA	1950	2220	+5.9
5	0120	0410	-6.7	20	0135	0425	-5.8
	0740	1045	+7.2		0740	1040	+6.0
SA	1355	1725	-6.8	SU	1330	1645	-6.2
SA	2035	2305	+7.0	DI	2020	2300	+6.9
6	0220	0505	-6.8	21	0220	0515	-6.2
	0835	1125	+7.1		0825	1115	+6.0
SU	1430	1805	-7.2	MO	1400	1720	-6.6
DI	2115	2350	+7.7	LU	2050	2340	+7.7
7	0310	0555	-6.7	22	0300	0605	-6.4
	0920	1200	+6.8		0910	1150	+5.3
MO	1505	1840	-7.2	TU	1430	1745	-6.9
LU	2155			MA	2125		
8		0030	+8.0	23		0010	+8.3
	0355	0650	-6.6		0345	0700	-6.4
TU	1005	1235	+6.4	WE	0950	1215	+5.6
MA	1535	1910	-7.0	ME	1500	1805	-7.2
	2230				2200		
9		0110	+8.2	24		0045	+8.6
	0440	0740	-6.5		0425	0745	-6.2
WE	1045	1315	+5.9	TH	1030	1245	+5.3
ME	1605	1925	-7.0	JE	1535	1830	-7.5
	2305				2235		
10		0150	+8.1	25		0115	+8.7
	0525	0825	-6.3		0510	0835	-6.0
TH	1130	1400	+5.1	FR	1110	1325	+4.8
JE	1635	2015	-6.9	VE	1615	1905	-7.5
	2340				2315		
11		0230	+7.9	26		0155	+8.6
	0615	0910	-6.1		0600	0920	-5.7
FR	1215	1450	+4.2	SA	1200	1415	+4.1
VE	1710	2105	-6.6	SA	1655	2000	-7.2
					2355		
12	0010	0320	+7.6	27		0240	+8.4
	0705	1000	-5.7		0650	1010	-5.5
SA	1310	1550	+3.3	SU	1300	1520	+3.4
SA	1745	2150	-6.1	DI	1745	2120	-6.7
13	0045	0410	+7.1	28	0045	0335	+8.0
	0755	1050	-5.3		0750	1105	-5.5
SU	1425	1645	+2.5	MO	1415	1640	+3.0
DI	1825	2245	-5.4	LU	1845	2240	-6.2
14	0125	0505	+6.5	29	0135	0445	+7.5
	0855	1140	-4.9		0850	1200	-5.5
MO	1555	1750	+2.0	TU	1535	1755	+3.0
LU	1920	2340	-4.7	MA	1955	2345	-5.7
15	0215	0610	+5.8	30	0235	0605	+7.1
	1000	1235	-4.7		0950	1305	-5.7
TU	1710	1850	+2.1	WE	1650	1905	+3.6
MA	2030			ME	2120		
				31		0055	-5.4
					0345	0725	+6.7
				TH	1050	1410	-6.0
				JE	1745	2005	+4.6
					2255		

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0200	-5.3	16		0205	-3.9
	0505	0835	+6.4		0435	0825	+4.9
FR	1140	1530	-6.3	SA	1100	1430	-5.8
VE	1835	2105	+5.7	SA	1825	2100	+5.3
2	0020	0300	-5.4	17	0025	0305	-4.4
	0620	0930	+6.2		0550	0915	+4.9
SA	1225	1640	-6.6	SU	1140	1520	-6.1
SA	1920	2200	+6.8	DI	1900	2145	+6.4
3	0125	0400	-5.6	18	0120	0400	-4.8
	0725	1015	+5.9		0700	1000	+4.9
SU	1310	1655	-7.0	MO	1220	1600	-6.5
DI	2005	2250	+7.6	LU	1935	2230	+7.4
4	0220	0505	-5.7	19	0205	0455	-5.3
	0825	1100	+5.6		0800	1040	+4.8
MO	1345	1740	-7.0	TU	1300	1640	-6.9
LU	2045	2330	+8.1	MA	2010	2310	+8.2
5	0310	0605	-5.8	20	0250	0550	-5.6
	0910	1135	+5.3		0850	1115	+4.7
TU	1420	1750	-6.9	WE	1335	1710	-7.3
MA	2125			ME	2050	2345	+8.7
6		0010	+8.4	21	0335	0645	-5.8
	0355	0650	-6.0		0935	1155	+4.6
WE	0955	1215	+5.0	TH	1420	1745	-7.6
ME	1455	1820	-6.9	JE	2130		
	2200						
7		0050	+8.5	22		0020	+9.0
	0435	0730	-6.1		0420	0735	-5.8
TH	1040	1300	+4.6	FR	1020	1235	+4.5
JE	1525	1900	-6.9	VE	1505	1830	-7.8
	2230				2215		
8		0125	+8.5	23		0100	+9.1
	0515	0810	-6.2		0510	0820	-5.9
FR	1125	1345	+4.1	SA	1110	1325	+4.3
VE	1600	1945	-6.7	SA	1550	1925	-7.7
	2300				2255		
9		0205	+8.3	24		0140	+9.0
	0600	0850	-6.1		0555	0910	-5.9
SA	1210	1430	+3.5	SU	1200	1420	+4.1
SA	1635	2035	-6.4	DI	1645	2025	-7.5
	2330				2340		
10		0245	+7.9	25		0230	+8.8
	0640	0935	-5.9		0645	1000	-6.0
SU	1305	1525	+2.9	MO	1300	1525	+3.9
DI	1715	2120	-5.8	LU	1740	2130	-7.1
11	0005	0335	+7.3	26	0030	0330	+8.4
	0720	1020	-5.7		0730	1050	-6.2
MO	1405	1620	+2.5	TU	1405	1635	+3.8
LU	1805	2215	-5.2	MA	1845	2225	-6.5
12	0040	0425	+6.6	27	0120	0440	+7.9
	0805	1110	-5.4		0825	1145	-6.3
TU	1515	1720	+2.3	WE	1515	1740	+4.1
MA	1900	2305	-4.5	ME	2000	2330	-5.8
13	0125	0525	+5.9	28	0215	0550	+7.2
	0850	1200	-5.3		0915	1240	-6.3
WE	1620	1820	+2.7	TH	1615	1845	+4.7
ME	2010			JE	2125		
14		0005	-4.0	29		0030	-5.1
	0220	0630	+5.4		0325	0655	+6.4
TH	0935	1250	-5.3	FR	1005	1335	-6.3
JE	1710	1920	+3.3	VE	1710	1945	+5.5
	2135				2255		
15		0105	-3.8	30		0140	-4.6
	0320	0730	+5.1		0440	0800	+5.6
FR	1020	1340	-5.5	SA	1050	1445	-6.3
VE	1750	2010	+4.3	SA	1800	2040	+6.3
	2310						

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0020	0245	-4.4	16		0235	-3.6
	0600	0855	+5.0		0500	0825	+3.9
SU	1140	1540	-6.5	MO	1035	1425	-6.2
DI	1850	2140	+7.1	LU	1800	2110	+6.6
2	0125	0355	-4.5	17	0100	0335	-4.0
	0715	0945	+4.5		0625	0920	+3.7
MO	1220	1620	-6.5	TU	1120	1515	-6.4
LU	1935	2230	+7.7	MA	1845	2155	+7.3
3	0220	0515	-4.8	18	0155	0435	-4.5
	0815	1030	+4.2		0735	1010	+3.6
TU	1300	1700	-6.5	WE	1210	1610	-6.9
MA	2015	2315	+8.1	ME	1935	2245	+8.0
4	0305	0615	-5.2	19	0245	0530	-4.9
	0910	1115	+4.0		0835	1055	+3.7
WE	1340	1725	-6.6	TH	1300	1655	-7.4
ME	2055	2355	+8.4	JE	2020	2330	+8.6
5	0350	0645	-5.5	20	0330	0625	-5.3
	0955	1200	+3.9		0925	1140	+4.0
TH	1420	1805	-6.7	FR	1350	1745	-7.9
JE	2130			VE	2110		
6		0035	+8.4	21		0015	+8.9
	0430	0715	-5.8		0415	0720	-5.6
FR	1040	1240	+3.7	SA	1015	1230	+4.3
VE	1455	1840	-6.7	SA	1445	1835	-8.2
	2205				2200		
7		0110	+8.4	22		0055	+9.1
	0505	0750	-5.9		0500	0810	-5.9
SA	1120	1325	+3.5	SU	1105	1320	+4.6
SA	1535	1925	-6.6	DI	1545	1925	-8.3
	2235				2245		
8		0145	+8.2	23		0140	+9.2
	0545	0825	-6.0		0540	0900	-6.3
SU	1205	1415	+3.3	MO	1155	1410	+4.8
DI	1615	2010	-6.3	LU	1640	2020	-8.1
	2305				2330		
9		0220	+7.9	24		0230	+9.1
	0615	0910	-5.9		0625	0950	-6.6
MO	1250	1500	+3.1	TU	1250	1510	+4.9
LU	1700	2055	-5.9	MA	1740	2115	-7.5
	2335						
10		0300	+7.4	25	0015	0325	+8.7
	0650	0950	-5.8		0705	1040	-6.8
TU	1335	1555	+3.0	WE	1345	1615	+5.0
MA	1750	2145	-5.3	ME	1845	2210	-6.7
11	0015	0345	+6.9	26	0100	0425	+8.0
	0720	1040	-5.8		0750	1125	-6.9
WE	1420	1650	+3.1	TH	1440	1715	+5.3
ME	1845	2235	-4.6	JE	1955	2310	-5.7
12	0055	0435	+6.3	27	0155	0525	+7.1
	0755	1125	-5.8		0830	1210	-6.7
TH	1510	1745	+3.4	FR	1535	1815	+5.6
JE	1950	2330	-4.0	VE	2115		
13	0140	0530	+5.6	28		0010	-4.7
	0830	1210	-5.9		0300	0620	+5.9
FR	1555	1840	+4.0	SA	0915	1255	-6.4
VE	2105			SA	1630	1915	+6.1
					2250		
14		0030	-3.5	29		0115	-4.0
	0235	0630	+5.0		0415	0720	+4.7
SA	0910	1255	-6.0	SU	1000	1350	-6.1
SA	1640	1930	+4.8	DI	1725	2010	+6.5
	2225						
15		0130	-3.4	30	0010	0225	-3.7
	0340	0730	+4.4		0545	0820	+3.8
SU	0955	1340	-6.0	MO	1045	1450	-5.9
DI	1720	2020	+5.7	LU	1815	2115	+6.9
	2350						
				31	0115	0350	-3.8
					0705	0915	+3.3
				TU	1130	1540	-6.0
				MA	1900	2215	+7.4

+ FLOOD/FLOT DIRECTION 335 TRUE/VRAIE – EBB/JUSANT DIRECTION 155 TRUE/VRAIE

FIRST NARROWS PST Z+8

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0010	0340	+5.8	16	0015	0350	+4.6
	0745	1010	-2.3		0755	1020	-1.9
TU	1300	1510	+1.5	WE	1320	1515	+0.9
MA	1710	2120	-5.7	ME	1700	2120	-4.3
2	0055	0430	+5.8	17	0050	0420	+4.6
	0825	1055	-2.6		0815	1050	-2.1
WE	1355	1605	+1.6	TH	1355	1555	+1.1
ME	1805	2210	-5.3	JE	1750	2155	-4.2
3	0140	0510	+5.6	18	0120	0450	+4.5
	0900	1145	-3.0		0840	1120	-2.4
TH	1450	1705	+1.6	FR	1425	1635	+1.3
JE	1910	2300	-4.7	VE	1840	2230	-4.0
4	0220	0555	+5.2	19	0155	0520	+4.3
	0935	1225	-3.2		0900	1150	-2.7
FR	1545	1800	+1.6	SA	1500	1720	+1.5
VE	2010	2350	-3.9	SA	1930	2310	-3.5
5	0305	0635	+4.6	20	0225	0550	+4.0
	1005	1310	-3.5		0915	1220	-3.0
SA	1645	1900	+1.7	SU	1540	1805	+1.8
SA	2120			DI	2035	2355	-2.9
6		0045	-2.9	21	0255	0620	+3.5
	0345	0710	+3.9		0935	1255	-3.4
SU	1035	1355	-3.6	MO	1630	1905	+2.0
DI	1740	2005	+1.7	LU	2145		
	2245						
7		0140	-2.0	22		0045	-2.2
	0425	0750	+3.1		0330	0655	+3.0
MO	1105	1440	-3.7	TU	1000	1335	-3.7
LU	1835	2120	+1.9	MA	1720	2010	+2.2
					2320		
8	0030	0250	-1.1	23		0145	-1.4
	0510	0835	+2.3		0410	0730	+2.4
TU	1135	1530	-3.7	WE	1030	1425	-4.0
MA	1930	2230	+2.3	ME	1820	2125	+2.5
9	0225	0415	-0.6	24	0115	0305	-0.7
	0610	0925	+1.5		0500	0820	+1.8
WE	1200	1620	-3.8	TH	1105	1520	-4.2
ME	2020	2340	+2.8	JE	1920	2245	+3.0
10	0405	0545	-0.5	25	0315	0445	-0.4
	0735	1020	+1.0		0620	0925	+1.3
TH	1230	1710	-3.8	FR	1150	1625	-4.4
JE	2105			VE	2025	2355	+3.6
11		0035	+3.3	26	0435	0615	-0.6
	0505	0700	-0.7		0810	1045	+1.0
FR	0920	1125	+0.6	SA	1250	1730	-4.7
VE	1310	1800	-3.9	SA	2125		
	2145						
12		0125	+3.7	27		0100	+4.3
	0545	0755	-1.0		0525	0725	-1.1
SA	1040	1220	+0.5	SU	0950	1205	+1.0
SA	1350	1845	-4.0	DI	1355	1835	-5.1
	2225				2220		
13		0205	+4.0	28		0155	+4.9
	0625	0840	-1.3		0605	0820	-1.6
SU	1135	1315	+0.5	MO	1100	1310	+1.3
DI	1440	1925	-4.1	LU	1510	1930	-5.3
	2305				2310		
14		0245	+4.3	29		0240	+5.3
	0655	0920	-1.5		0640	0905	-2.2
MO	1220	1355	+0.6	TU	1155	1410	+1.6
LU	1530	2005	-4.2	MA	1615	2025	-5.4
	2340				2355		
15		0320	+4.5	30		0325	+5.4
	0725	0950	-1.7		0715	0950	-2.7
TU	1250	1440	+0.8	WE	1245	1510	+1.9
MA	1615	2045	-4.3	ME	1720	2115	-5.2
				31	0040	0405	+5.4
					0745	1030	-3.1
				TH	1335	1600	+2.2
				JE	1820	2205	-4.8

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0120	0445	+5.1	16	0100	0415	+4.1
	0815	1110	-3.5		0740	1035	-3.1
FR	1420	1650	+2.4	SA	1340	1620	+2.3
VE	1920	2250	-4.2	SA	1855	2220	-3.7
2	0200	0520	+4.6	17	0130	0445	+3.8
	0845	1145	-3.8		0755	1105	-3.5
SA	1505	1745	+2.5	SU	1420	1705	+2.7
SA	2020	2335	-3.4	DI	1955	2300	-3.2
3	0235	0555	+3.9	18	0205	0510	+3.4
	0910	1225	-3.9		0815	1135	-3.9
SU	1555	1835	+2.5	MO	1500	1750	+2.9
DI	2125			LU	2055	2345	-2.6
4		0020	-2.5	19	0240	0545	+3.0
	0310	0625	+3.2		0840	1210	-4.1
MO	0930	1300	-3.9	TU	1545	1845	+3.0
LU	1640	1930	+2.5	MA	2205		
	2240						
5		0115	-1.7	20		0040	-1.9
	0350	0700	+2.4		0315	0620	+2.4
TU	0955	1340	-3.8	WE	0905	1255	-4.2
MA	1730	2030	+2.4	ME	1635	1945	+3.0
					2330		
6	0005	0215	-1.0	21		0140	-1.2
	0435	0740	+1.7		0400	0700	+1.8
WE	1020	1425	-3.6	TH	0935	1345	-4.2
ME	1825	2140	+2.5	JE	1740	2100	+3.1
7	0150	0340	-0.6	22	0115	0305	-0.7
	0535	0830	+1.0		0505	0755	+1.3
TH	1050	1520	-3.4	FR	1015	1450	-4.1
JE	1920	2250	+2.6	VE	1850	2220	+3.3
8	0325	0515	-0.5	23	0300	0445	-0.6
	0720	0935	+0.6		0645	0915	+0.8
FR	1125	1620	-3.3	SA	1115	1605	-4.1
VE	2015	2355	+3.0	SA	2000	2340	+3.7
9	0425	0635	-0.8	24	0405	0610	-1.0
	0915	1055	+0.3		0840	1050	+0.8
SA	1220	1725	-3.3	SU	1240	1720	-4.2
SA	2110			DI	2105		
10		0050	+3.3	25		0045	+4.1
	0510	0730	-1.1		0450	0715	-1.6
SU	1030	1205	+0.4	MO	1000	1210	+1.1
DI	1330	1820	-3.5	LU	1405	1830	-4.4
	2155				2205		
11		0135	+3.7	26		0135	+4.5
	0545	0810	-1.5		0530	0800	-2.2
MO	1110	1255	+0.6	TU	1055	1315	+1.6
LU	1435	1905	-3.8	MA	1525	1925	-4.6
	2240				2255		
12		0215	+4.0	27		0220	+4.7
	0615	0845	-1.8		0600	0840	-2.8
TU	1145	1340	+0.9	WE	1140	1415	+2.1
MA	1530	1950	-4.0	ME	1635	2020	-4.6
	2315				2340		
13		0250	+4.2	28		0300	+4.7
	0640	0915	-2.0		0630	0920	-3.3
WE	1210	1425	+1.3	TH	1225	1505	+2.6
ME	1625	2025	-4.1	JE	1740	2105	-4.3
	2350						
14		0320	+4.3				
	0700	0940	-2.3				
TH	1240	1500	+1.6				
JE	1715	2105	-4.1				
15	0025	0350	+4.2				
	0720	1005	-2.7				
FR	1310	1540	+2.0				
VE	1805	2140	-4.0				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0020	0335	+4.4	16		0305	+3.5
	0655	0955	-3.8		0610	0920	-3.5
FR	1305	1550	+3.0	SA	1230	1525	+3.0
VE	1835	2155	-3.9	SA	1820	2130	-3.4
2	0100	0410	+4.0	17	0035	0335	+3.3
	0720	1030	-4.1		0630	0950	-4.0
SA	1345	1635	+3.2	SU	1305	1605	+3.5
SA	1935	2235	-3.4	DI	1915	2210	-3.1
3	0140	0440	+3.5	18	0110	0405	+3.0
	0740	1100	-4.2		0655	1020	-4.3
SU	1425	1720	+3.3	MO	1340	1650	+3.9
DI	2030	2320	-2.8	LU	2010	2255	-2.8
4	0215	0515	+2.9	19	0150	0440	+2.6
	0805	1135	-4.2		0715	1055	-4.6
MO	1500	1805	+3.3	TU	1425	1740	+4.0
LU	2125			MA	2110	2345	-2.3
5		0005	-2.2	20	0230	0515	+2.2
	0255	0545	+2.3		0745	1135	-4.6
TU	0825	1210	-4.0	WE	1510	1830	+4.0
MA	1545	1850	+3.2	ME	2220		
	2230						
6		0055	-1.6	21		0040	-1.8
	0335	0620	+1.7		0320	0555	+1.7
WE	0850	1245	-3.8	TH	0820	1225	-4.5
ME	1625	1945	+3.0	JE	1605	1930	+3.8
	2335				2335		
7		0150	-1.1	22		0150	-1.3
	0425	0700	+1.1		0420	0850	+1.2
TH	0915	1330	-3.4	FR	0900	1320	-4.2
JE	1715	2045	+2.8	VE	1710	2040	+3.6
8	0055	0305	-0.8	23	0100	0310	-1.0
	0535	0750	+0.6		0545	0755	+0.8
FR	0945	1425	-3.0	SA	0950	1430	-3.8
VE	1815	2155	+2.7	SA	1820	2200	+3.5
9	0220	0430	-0.8	24	0220	0440	-1.2
	0725	0900	+0.3		0735	0930	+0.6
SA	1025	1530	-2.8	SU	1110	1555	-3.6
SA	1920	2305	+2.8	DI	1935	2315	+3.7
10	0320	0550	-1.0	25	0315	0555	-1.7
	0905	1030	+0.3		0900	1105	+0.9
SU	1145	1645	-2.8	MO	1255	1710	-3.5
DI	2020			LU	2040		
11		0005	+3.0	26		0015	+3.8
	0405	0645	-1.4		0400	0645	-2.3
MO	1000	1140	+0.5	TU	0955	1220	+1.5
LU	1315	1745	-3.0	MA	1435	1820	-3.6
	2115				2140		
12		0050	+3.3	27		0105	+3.9
	0440	0725	-1.8		0435	0730	-2.9
TU	1035	1235	+0.9	WE	1040	1320	+2.1
MA	1435	1840	-3.3	ME	1550	1920	-3.6
	2200				2230		
13		0130	+3.5	28		0145	+3.8
	0510	0755	-2.2		0505	0810	-3.5
WE	1100	1325	+1.4	TH	1120	1410	+2.8
ME	1535	1925	-3.5	JE	1700	2010	-3.5
	2245				2320		
14		0205	+3.6	29		0225	+3.6
	0535	0825	-2.6		0530	0845	-3.9
TH	1130	1405	+1.9	FR	1200	1455	+3.3
JE	1635	2005	-3.6	VE	1800	2100	-3.3
	2320						
15		0235	+3.6	30	0000	0300	+3.2
	0555	0850	-3.0		0550	0915	-4.3
FR	1200	1445	+2.5	SA	1235	1540	+3.7
VE	1725	2045	-3.6	SA	1855	2145	-2.9
	2355						
				31	0040	0330	+2.8
					0615	0945	-4.4
				SU	1310	1620	+4.0
				DI	1945	2230	-2.6

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE

- EBB/JUSANT DIRECTION 315 TRUE/VRAIE

FIRST NARROWS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0120	0405	+2.3	16	0100	0330	+2.2
	0635	1015	-4.4		0555	0945	-5.0
MO	1340	1700	+4.1	TU	1315	1640	+4.9
LU	2035	2310	-2.3	MA	2025	2255	-2.4
2	0205	0435	+1.9	17	0145	0415	+1.9
	0655	1050	-4.3		0625	1030	-5.1
TU	1415	1740	+4.0	WE	1400	1725	+4.9
MA	2125	2355	-1.9	ME	2125	2350	-2.1
3	0245	0510	+1.4	18	0240	0500	+1.6
	0720	1120	-4.0		0705	1115	-5.0
WE	1455	1820	+3.8	TH	1450	1820	+4.8
ME	2215			JE	2225		
4		0040	-1.6	19		0050	-1.9
	0335	0545	+1.0		0340	0550	+1.2
TH	0745	1200	-3.7	FR	0750	1205	-4.6
JE	1535	1905	+3.5	VE	1545	1920	+4.5
	2310				2325		
5		0135	-1.4	20		0155	-1.7
	0430	0630	+1.7		0455	0650	+0.9
FR	0815	1240	-3.3	SA	0840	1305	-4.1
VE	1620	1955	+3.2	SA	1645	2025	+4.1
6	0010	0235	-1.2	21	0030	0310	-1.8
	0550	0720	+0.4		0625	0810	+0.6
SA	0850	1335	-2.9	SU	0950	1415	-3.5
SA	1715	2055	+2.9	DI	1750	2130	+3.8
7	0110	0350	-1.2	22	0130	0420	-2.1
	0725	0835	+0.2		0750	0940	+0.8
SU	0940	1440	-2.5	MO	1130	1540	-3.0
DI	1815	2200	+2.8	LU	1900	2235	+3.6
8	0205	0455	-1.4	23	0215	0520	-2.6
	0840	1000	+0.3		0850	1110	+1.3
MO	1115	1555	-2.4	TU	1325	1655	-2.7
LU	1920	2300	+2.8	MA	2005	2335	+3.4
9	0250	0545	-1.8	24	0255	0610	-3.2
	0920	1115	+0.7		0940	1215	+2.0
TU	1305	1705	-2.5	WE	1500	1810	-2.6
MA	2020	2350	+2.9	ME	2105		
10	0325	0625	-2.2	25		0025	+3.2
	0950	1210	+1.3		0330	0655	-3.7
WE	1430	1805	-2.6	TH	1020	1315	+2.8
ME	2110			JE	1620	1910	-2.5
					2200		
11		0035	+3.0	26		0105	+2.8
	0350	0700	-2.8		0355	0730	-4.1
TH	1020	1300	+2.0	FR	1055	1400	+3.4
JE	1540	1855	-2.7	VE	1725	2005	-2.4
	2200				2255		
12		0110	+3.0	27		0145	+2.4
	0415	0730	-3.3		0420	0805	-4.4
FR	1050	1345	+2.7	SA	1130	1445	+4.0
VE	1640	1945	-2.8	SA	1820	2055	-2.3
	2245				2345		
13		0145	+2.8	28		0220	+2.0
	0435	0800	-3.8		0445	0835	-4.5
SA	1120	1425	+3.4	SU	1205	1525	+4.3
SA	1740	2030	-2.8	DI	1910	2140	-2.1
	2330						
14		0220	+2.7	29	0030	0255	+1.6
	0500	0835	-4.4		0505	0905	-4.5
SU	1155	1510	+4.1	MO	1235	1600	+4.5
DI	1835	2120	-2.7	LU	1955	2225	-2.0
15	0010	0255	+2.4	30	0120	0330	+1.3
	0525	0910	-4.8		0530	0935	-4.4
MO	1235	1550	+4.6	TU	1310	1640	+4.5
LU	1930	2205	-2.6	MA	2035	2305	-1.9

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0205	0405	+1.0	16	0145	0355	+1.4
	0555	1010	-4.3		0555	1010	-5.4
WE	1340	1715	+4.4	TH	1345	1720	+5.5
ME	2115	2345	-1.8	JE	2125	2350	-2.2
2	0250	0440	+0.8	17	0245	0450	+1.2
	0620	1045	-4.0		0640	1100	-5.1
TH	1420	1755	+4.2	FR	1435	1810	+5.3
JE	2200			VE	2215		
3		0030	-1.7	18		0045	-2.3
	0340	0520	+0.6		0355	0550	+1.0
FR	0655	1125	-3.7	SA	0740	1155	-4.6
VE	1455	1835	+3.9	SA	1525	1905	+5.0
	2240				2305		
4		0115	-1.6	19		0145	-2.4
	0440	0605	+0.4		0505	0655	+0.9
SA	0730	1205	-3.3	SU	0845	1255	-3.9
SA	1540	1920	+3.6	DI	1620	2000	+4.5
	2325				2350		
5		0210	-1.6	20		0245	-2.6
	0545	0700	+0.3		0620	0815	+0.9
SU	0810	1255	-2.9	MO	1005	1400	-3.1
DI	1625	2010	+3.3	LU	1715	2055	+4.0
6	0010	0300	-1.7	21	0035	0345	-3.0
	0655	0810	+0.3		0730	0940	+1.2
MO	0920	1355	-2.5	TU	1150	1515	-2.4
LU	1715	2100	+3.1	MA	1815	2150	+3.4
7	0055	0355	-2.0	22	0115	0440	-3.4
	0750	0925	+0.4		0825	1100	+1.8
TU	1100	1500	-2.1	WE	1345	1635	-1.9
MA	1810	2155	+2.8	ME	1920	2245	+2.9
8	0130	0445	-2.3	23	0150	0530	-3.8
	0830	1040	+0.9		0910	1205	+2.5
WE	1250	1615	-1.9	TH	1520	1755	-1.6
ME	1910	2240	+2.7	JE	2025	2335	+2.3
9	0200	0525	-2.9	24	0220	0610	-4.2
	0905	1140	+1.6		0950	1300	+3.3
TH	1425	1725	-1.8	FR	1640	1900	-1.5
JE	2010	2325	+2.5	VE	2130		
10	0225	0600	-3.4	25		0020	+1.9
	0935	1235	+2.5		0245	0650	-4.4
FR	1545	1825	-1.8	SA	1025	1350	+3.8
VE	2110			SA	1740	2000	-1.5
					2235		
11		0010	+2.3	26		0105	+1.4
	0255	0640	-4.0		0310	0725	-4.5
SA	1010	1320	+3.4	SU	1100	1430	+4.3
SA	1650	1925	-1.9	DI	1835	2050	-1.6
	2205				2335		
12		0050	+2.1	27		0145	+1.1
	0320	0715	-4.6		0335	0800	-4.5
SU	1045	1405	+4.2	MO	1135	1510	+4.5
DI	1750	2020	-2.0	LU	1915	2135	-1.6
	2300						
13		0135	+1.9	28	0030	0220	+0.8
	0355	0755	-5.1		0405	0835	-4.5
MO	1125	1455	+4.8	TU	1210	1545	+4.6
LU	1845	2110	-2.1	MA	1955	2220	-1.7
	2355						
14		0220	+1.8	29	0120	0300	+0.6
	0430	0835	-5.4		0430	0905	-4.3
TU	1210	1540	+5.3	WE	1240	1620	+4.6
MA	1940	2205	-2.2	ME	2030	2300	-1.7
15	0050	0305	+1.6	30	0205	0340	+0.6
	0510	0920	-5.5		0505	0945	-4.2
WE	1255	1630	+5.5	TH	1315	1655	+4.5
ME	2030	2255	-2.2	JE	2105	2335	-1.8
				31	0250	0420	+0.5
					0540	1020	-4.0
				FR	1350	1730	+4.4
				VE	2140		

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0015	-1.8	16		0030	-2.9
	0335	0500	+0.5		0345	0545	+1.3
SA	0625	1100	-3.7	SU	0745	1145	-4.5
SA	1425	1810	+4.2	DI	1505	1840	+5.1
	2210				2225		
2		0050	-1.9	17		0120	-3.1
	0420	0545	+0.4		0450	0655	+1.4
SU	0710	1140	-3.4	MO	0855	1240	-3.6
DI	1505	1845	+4.0	LU	1550	1925	+4.5
	2245				2305		
3		0130	-2.0	18		0210	-3.4
	0510	0640	+0.4		0550	0805	+1.5
MO	0805	1225	-3.0	TU	1020	1340	-2.7
LU	1545	1925	+3.6	MA	1640	2015	+3.8
	2315				2340		
4		0215	-2.3	19		0300	-3.7
	0600	0740	+0.6		0650	0920	+1.8
TU	0915	1315	-2.4	WE	1205	1455	-1.8
MA	1625	2005	+3.3	ME	1730	2100	+3.0
	2345						
5		0255	-2.6	20	0010	0350	-3.9
	0650	0850	+0.8		0745	1035	+2.3
WE	1050	1415	-1.9	TH	1355	1615	-1.2
ME	1710	2045	+2.9	JE	1830	2150	+2.3
6	0010	0340	-3.0	21	0040	0440	-4.1
	0730	1000	+1.4		0830	1145	+2.8
TH	1240	1525	-1.4	FR	1535	1735	-0.9
JE	1800	2130	+2.5	VE	1945	2245	+1.6
7	0040	0425	-3.5	22	0110	0525	-4.2
	0815	1105	+2.1		0915	1240	+3.4
FR	1425	1645	-1.1	SA	1650	1850	-0.9
VE	1905	2220	+2.1	SA	2105	2335	+1.1
8	0110	0505	-4.0	23	0140	0810	-4.3
	0855	1205	+3.0		0955	1330	+3.9
SA	1555	1800	-1.1	SU	1745	1955	-1.1
SA	2015	2315	+1.8	DI	2225		
9	0140	0555	-4.6	24		0030	+0.8
	0935	1300	+3.8		0215	0650	-4.3
SU	1700	1910	-1.2	MO	1035	1410	+4.2
DI	2125			LU	1830	2045	-1.3
					2335		
10		0005	+1.6	25		0115	+0.6
	0220	0640	-5.1		0245	0730	-4.3
MO	1020	1350	+4.6	TU	1110	1450	+4.4
LU	1800	2010	-1.5	MA	1905	2125	-1.5
	2235						
11		0100	+1.4	26	0030	0200	+0.5
	0305	0725	-5.4		0325	0810	-4.3
TU	1105	1440	+5.2	WE	1145	1525	+4.5
MA	1850	2105	-1.7	ME	1940	2205	-1.6
	2340						
12		0155	+1.4	27	0110	0240	+0.5
	0350	0815	-5.7		0405	0850	-4.2
WE	1155	1530	+5.6	TH	1220	1600	+4.6
ME	1935	2155	-2.0	JE	2010	2240	-1.8
13	0040	0250	+1.4	28	0150	0325	+0.6
	0445	0905	-5.7		0450	0925	-4.2
TH	1240	1620	+5.8	FR	1255	1635	+4.6
JE	2025	2250	-2.3	VE	2040	2310	-1.9
14	0140	0345	+1.4	29	0225	0405	+0.6
	0540	1000	-5.5		0535	1000	-4.0
FR	1330	1705	+5.8	SA	1330	1705	+4.5
VE	2105	2340	-2.6	SA	2105	2345	-2.1
15	0245	0445	+1.4	30	0300	0445	+0.7
	0640	1050	-5.1		0620	1040	-3.8
SA	1420	1755	+5.6	SU	1400	1740	+4.3
SA	2150			DI	2130		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE – EBB/JUSANT DIRECTION 315 TRUE/VRAIE

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0015	-2.3	16		0045	-3.8
	0340	0525	+0.8		0410	0640	+2.1
MO	0715	1115	-3.4	TU	0910	1225	-3.2
LU	1435	1810	+4.0	MA	1525	1850	+4.1
	2155				2210		
2		0045	-2.5	17		0125	-4.0
	0415	0615	+1.0		0505	0740	+2.2
TU	0810	1155	-2.9	WE	1030	1320	-2.3
MA	1505	1840	+3.7	ME	1605	1930	+3.3
	2215				2235		
3		0120	-2.8	18		0210	-4.0
	0500	0710	+1.2		0600	0850	+2.3
WE	0925	1245	-2.3	TH	1205	1430	-1.4
ME	1540	1915	+3.2	JE	1655	2010	+2.4
	2235				2305		
4		0200	-3.2	19		0300	-4.0
	0545	0810	+1.5		0655	1000	+2.6
TH	1050	1340	-1.6	FR	1350	1550	-0.8
JE	1620	1950	+2.7	VE	1750	2100	+1.6
	2300				2335		
5		0240	-3.5	20		0350	-3.9
	0635	0920	+1.9		0745	1110	+2.9
FR	1235	1455	-1.0	SA	1530	1715	-0.6
VE	1705	2035	+2.2	SA	1915	2200	+1.0
	2330						
6		0330	-3.9	21	0010	0445	-3.9
	0725	1035	+2.5		0835	1210	+3.3
SA	1430	1615	-0.7	SU	1635	1835	-0.8
SA	1810	2125	+1.7	DI	2100	2305	+0.6
7	0005	0420	-4.3	22	0050	0535	-3.9
	0820	1140	+3.2		0925	1305	+3.7
SU	1600	1745	-0.6	MO	1725	1935	-1.1
DI	1935	2230	+1.4	LU	2225		
8	0045	0520	-4.7	23		0005	+0.5
	0910	1240	+4.0		0135	0625	-3.9
MO	1705	1855	-0.9	TU	1010	1350	+4.0
LU	2105	2335	+1.2	MA	1805	2025	-1.3
					2320		
9	0140	0615	-5.1	24		0100	+0.5
	1000	1335	+4.7		0230	0710	-4.0
TU	1755	2000	-1.3	WE	1050	1425	+4.2
MA	2225			ME	1835	2100	-1.6
10		0040	+1.2	25	0005	0145	+0.6
	0240	0710	-5.4		0320	0755	-4.1
WE	1055	1430	+5.2	TH	1125	1505	+4.3
ME	1840	2055	-1.8	JE	1905	2135	-1.8
	2330						
11		0145	+1.4	26	0040	0230	+0.8
	0340	0805	-5.6		0410	0830	-4.1
TH	1140	1515	+5.6	FR	1200	1535	+4.4
JE	1920	2145	-2.2	VE	1930	2205	-2.0
12	0030	0245	+1.5	27	0110	0310	+1.0
	0445	0900	-5.6		0455	0910	-4.1
FR	1230	1600	+5.7	SA	1235	1605	+4.4
VE	1955	2230	-2.7	SA	1955	2235	-2.2
13	0125	0340	+1.7	28	0140	0345	+1.2
	0545	0950	-5.3		0545	0945	-3.9
SA	1315	1645	+5.7	SU	1305	1635	+4.2
SA	2035	2315	-3.1	DI	2015	2300	-2.5
14	0220	0440	+1.9	29	0215	0425	+1.4
	0650	1040	-4.8		0635	1020	-3.6
SU	1400	1730	+5.3	MO	1335	1700	+4.0
DI	2105	2355	-3.5	LU	2035	2330	-2.8
15	0315	0540	+2.0	30	0245	0505	+1.6
	0755	1130	-4.1		0725	1100	-3.3
MO	1440	1810	+4.8	TU	1410	1730	+3.7
LU	2140			MA	2050	2355	-3.1
				31	0320	0550	+1.9
					0825	1140	-2.7
				WE	1440	1800	+3.3
				ME	2110		

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0030	-3.4	16		0120	-4.0
	0400	0640	+2.1		0505	0810	+2.9
TH	0935	1225	-2.1	FR	1150	1405	-1.2
JE	1510	1830	+2.8	VE	1630	1925	+1.7
	2130				2200		
2		0105	-3.7	17		0205	-3.8
	0450	0740	+2.3		0555	0915	+2.8
FR	1055	1320	-1.4	SA	1320	1520	-0.8
VE	1550	1905	+2.3	SA	1735	2015	+1.0
	2155				2230		
3		0150	-3.9	18		0300	-3.5
	0545	0850	+2.5		0655	1025	+2.9
SA	1235	1435	-0.8	SU	1450	1650	-0.7
SA	1635	1950	+1.8	DI	1915	2125	+0.6
	2230				2310		
4		0245	-4.1	19		0400	-3.3
	0645	1005	+2.9		0750	1130	+3.0
SU	1430	1605	-0.5	MO	1555	1810	-0.9
DI	1745	2050	+1.3	LU	2100	2240	+0.4
	2315						
5		0350	-4.2	20	0010	0505	-3.3
	0750	1120	+3.4		0850	1230	+3.3
MO	1555	1735	-0.6	TU	1640	1905	-1.3
LU	1930	2210	+1.0	MA	2210	2350	+0.5
6	0015	0455	-4.5	21	0120	0600	-3.4
	0850	1225	+4.0		0935	1315	+3.6
TU	1650	1850	-1.0	WE	1715	1950	-1.6
MA	2110	2330	+1.0	ME	2255		
7	0125	0600	-4.8	22		0045	+0.7
	0945	1320	+4.6		0230	0650	-3.6
WE	1730	1945	-1.6	TH	1020	1355	+3.8
ME	2225			JE	1745	2025	-1.9
					2330		
8		0040	+1.3	23		0130	+1.0
	0240	0700	-5.1		0330	0735	-3.7
TH	1040	1410	+5.0	FR	1100	1430	+4.0
JE	1810	2035	-2.2	VE	1810	2055	-2.2
	2320				2355		
9		0145	+1.7	24		0215	+1.3
	0350	0755	-5.2		0420	0815	-3.8
FR	1125	1455	+5.3	SA	1135	1500	+4.0
VE	1[illegible]0	2120	-2.8	SA	1835	2120	-2.5
10	0015	0240	+2.1	25	0025	0250	+1.7
	0500	0850	-5.1		0510	0850	-3.7
SA	1215	1535	+5.3	SU	1210	1525	+3.9
SA	1915	2200	-3.3	DI	1855	2145	-2.8
11	0105	0335	+2.4	26	0055	0330	+2.0
	0600	0940	-4.8		0600	0930	-3.5
SU	1255	1615	+5.0	MO	1240	1555	+3.7
DI	1945	2240	-3.7	LU	1910	2215	-3.1
12	0150	0430	+2.7	27	0125	0405	+2.4
	0705	1030	-4.2		0650	1005	-3.3
MO	1340	1655	+4.6	TU	1315	1620	+3.4
LU	2015	2320	-4.1	MA	1930	2240	-3.5
13	0240	0520	+2.9	28	0155	0450	+2.7
	0810	1115	-3.5		0745	1045	-2.9
TU	1420	1730	+4.0	WE	1345	1650	+3.0
MA	2040	2355	-4.2	ME	1945	2310	-3.8
14	0325	0615	+3.0	29	0235	0530	+3.0
	0915	1210	-2.7		0840	1130	-2.4
WE	1500	1810	+3.2	TH	1420	1720	+2.6
ME	2105			JE	2005	2345	-4.0
15		0040	-4.2	30	0315	0620	+3.1
	0415	0710	+3.0		0945	1220	-1.8
TH	1025	1300	-1.9	FR	1455	1755	+2.2
JE	1540	1845	+2.5	VE	2030		
	2135						
				31		0025	-4.1
					0405	0715	+3.1
				SA	1100	1315	-1.3
				SA	1540	1835	+1.7
					2105		

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0110	-4.1	16		0210	-3.1
	0505	0825	+3.1		0555	0935	+2.9
SU	1235	1430	-0.8	MO	1350	1615	-1.0
DI	1640	1925	+1.2	LU	1930	2055	+0.3
	2145				2220		
2		0215	-4.0	17		0315	-2.8
	0610	0940	+3.2		0700	1040	+2.9
MO	1410	1605	-0.7	TU	1450	1730	-1.3
LU	1815	2040	+0.9	MA	2055	2220	+0.3
	2240				2340		
3		0325	-3.9	18		0425	-2.7
	0720	1100	+3.5		0800	1140	+3.0
TU	1520	1730	-1.0	WE	1535	1825	-1.6
MA	2005	2210	+0.8	ME	2145	2335	+0.6
4	0005	0445	-4.1	19	0115	0530	-2.8
	0830	1205	+4.0		0855	1230	+3.2
WE	1610	1835	-1.6	TH	1610	1905	-2.0
ME	2125	2335	+1.1	JE	2220		
5	0135	0555	-4.3	20		0030	+1.0
	0925	1300	+4.3		0230	0625	-3.0
TH	1650	1925	-2.3	FR	0940	1310	+3.4
JE	2220			VE	1640	1935	-2.4
					2250		
6		0045	+1.6	21		0115	+1.5
	0300	0655	-4.4		0335	0710	-3.1
FR	1020	1345	+4.6	SA	1025	1340	+3.4
VE	1720	2010	-2.9	SA	1705	2005	-2.8
	2310				2315		
7		0145	+2.2	22		0155	+2.0
	0410	0750	-4.4		0430	0750	-3.2
SA	1110	1425	+4.6	SU	1100	1415	+3.3
SA	1750	2045	-3.5	DI	1725	2030	-3.2
	2355				2345		
8		0240	+2.8	23		0230	+2.6
	0520	0840	-4.2		0520	0835	-3.1
SU	1155	1505	+4.4	MO	1140	1440	+3.2
DI	1820	2125	-4.0	LU	1745	2055	-3.6
9	0035	0330	+3.3	24	0010	0310	+3.1
	0620	0930	-3.9		0615	0915	-3.0
MO	1235	1540	+4.0	TU	1215	1510	+2.9
LU	1845	2200	-4.3	MA	1800	2125	-3.9
10	0120	0415	+3.6	25	0045	0350	+3.5
	0720	1020	-3.4		0705	0955	-2.8
TU	1315	1620	+3.5	WE	1250	1540	+2.6
MA	1910	2235	-4.5	ME	1820	2155	-4.3
11	0200	0500	+3.8	26	0120	0430	+3.9
	0820	1105	-2.8		0755	1040	-2.5
WE	1400	1655	+2.8	TH	1330	1615	+2.3
ME	1935	2310	-4.5	JE	1845	2230	-4.5
12	0240	0550	+3.8	27	0155	0515	+4.1
	0915	1155	-2.3		0855	1125	-2.1
TH	1440	1730	+2.2	FR	1410	1650	+1.9
JE	2000	2350	-4.3	VE	1910	2310	-4.6
13	0320	0635	+3.6	28	0240	0605	+4.1
	1020	1245	-1.7		0955	1220	-1.7
FR	1530	1805	+1.6	SA	1455	1730	+1.6
VE	2030			SA	1945	2355	-4.4
14		0025	-3.9	29	0335	0700	+3.9
	0405	0730	+3.3		1105	1320	-1.3
SA	1125	1345	-1.3	SU	1555	1820	+1.2
SA	1625	1850	+1.1	DI	2025		
	2055						
15		0115	-3.5	30		0045	-4.2
	0455	0825	+3.0		0435	0805	+3.7
SU	1240	1455	-1.0	MO	1225	1435	-1.1
DI	1745	1945	+0.6	LU	1715	1925	+0.8
	2130				2115		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE - EBB/JUSANT DIRECTION 315 TRUE/VRAIE

TABLE DES COURANTS

FIRST NARROWS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0155	-3.8	16		0225	-2.5
	0540	0920	+3.6		0555	0940	+2.9
TU	1335	1600	-1.3	WE	1340	1640	-1.7
MA	1900	2050	+0.6	ME	2035	2155	+0.3
	2230				2310		
2		0310	-3.5	17		0335	-2.2
	0650	1030	+3.7		0655	1040	+2.9
WE	1435	1715	-1.8	TH	1425	1730	-2.0
ME	2025	2225	+0.8	JE	2110	2305	+0.7
3	0020	0435	-3.4	18	0100	0445	-2.2
	0800	1135	+3.8		0755	1130	+2.9
TH	1515	1810	-2.4	FR	1455	1810	-2.5
JE	2125	2345	+1.4	VE	2140		
4	0200	0545	-3.4	19		0005	+1.3
	0900	1225	+3.9		0225	0550	-2.2
FR	1555	1855	-3.1	SA	0850	1210	+2.8
VE	2210			SA	1525	1840	-3.0
					2210		
5		0050	+2.2	20		0050	+2.0
	0325	0650	-3.4		0340	0640	-2.3
SA	0955	1310	+3.8	SU	0935	1245	+2.8
SA	1625	1935	-3.8	DI	1545	1910	-3.5
	2255				2235		
6		0145	+3.0	21		0135	+2.7
	0435	0745	-3.3		0435	0730	-2.4
SU	1045	1350	+3.6	MO	1025	1320	+2.6
DI	1655	2010	-4.3	LU	1610	1940	-3.9
	2330				2305		
7		0235	+3.6	22		0210	+3.4
	0540	0835	-3.2		0530	0815	-2.4
MO	1130	1430	+3.2	TU	1105	1355	+2.4
LU	1720	2045	-4.6	MA	1630	2010	-4.3
					2335		
8	0010	0320	+4.1	23		0250	+4.0
	0640	0925	-2.9		0625	0900	-2.4
TU	1220	1505	+2.8	WE	1150	1430	+2.2
MA	1745	2120	-4.8	ME	1655	2045	-4.7
9	0045	0400	+4.3	24	0010	0335	+4.5
	0735	1010	-2.6		0715	0945	-2.3
WE	1300	1540	+2.3	TH	1235	1505	+1.9
ME	1810	2155	-4.7	JE	1720	2120	-5.0
10	0120	0440	+4.4	25	0050	0415	+4.8
	0825	1055	-2.3		0810	1035	-2.2
TH	1350	1615	+1.8	FR	1320	1545	+1.7
JE	1835	2230	-4.6	VE	1755	2200	-5.1
11	0200	0525	+4.3	26	0135	0505	+4.9
	0915	1145	-2.0		0900	1125	-2.0
FR	1435	1650	+1.4	SA	1410	1630	+1.4
VE	1900	2305	-4.2	SA	1830	2245	-5.0
12	0235	0605	+4.1	27	0220	0555	+4.8
	1005	1230	-1.7		1000	1220	-1.8
SA	1525	1730	+1.0	SU	1510	1720	+1.2
SA	1925	2345	-3.8	DI	1915	2335	-4.7
13	0320	0650	+3.7	28	0315	0650	+4.6
	1055	1325	-1.5		1055	1320	-1.7
SU	1630	1815	+0.6	MO	1620	1815	+0.9
DI	1955			LU	2005		
14		0025	-3.3	29		0030	-4.2
	0405	0740	+3.4		0410	0750	+4.3
MO	1155	1425	-1.4	TU	1155	1430	-1.8
LU	1750	1915	+0.3	MA	1750	1930	+0.6
	2030				2110		
15		0120	-2.9	30		0140	-3.6
	0455	0840	+3.1		0510	0850	+4.0
TU	1250	1535	-1.4	WE	1250	1540	-2.1
MA	1930	2030	+0.2	ME	1915	2100	+0.7
	2125				2245		
				31		0255	-3.1
					0615	0955	+3.7
				TH	1340	1645	-2.7
				JE	2020	2230	+1.2

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0040	0415	-2.7	16	0040	0355	-1.6
	0720	1055	+3.5		0640	1020	+2.6
FR	1420	1735	-3.3	SA	1335	1705	-2.9
VE	2110	2345	+1.9	SA	2055	2330	+1.5
2	0230	0535	-2.4	17	0220	0505	-1.5
	0825	1145	+3.2		0740	1105	+2.3
SA	1455	1820	-3.9	SU	1400	1745	-3.5
SA	2155			DI	2125		
3		0045	+2.8	18		0025	+2.4
	0355	0640	-2.3		0340	0610	-1.5
SU	0925	1235	+2.9	MO	0845	1145	+2.1
DI	1525	1900	-4.4	LU	1430	1820	-4.0
	2230				2155		
4		0140	+3.6	19		0110	+3.2
	0505	0740	-2.3		0445	0710	-1.6
MO	1025	1315	+2.5	TU	0940	1230	+1.9
LU	1550	1935	-4.7	MA	1455	1855	-4.5
	2310				2230		
5		0225	+4.2	20		0150	+4.0
	0600	0835	-2.2		0540	0800	-1.7
TU	1115	1355	+2.1	WE	1035	1310	+1.7
MA	1615	2010	-4.9	ME	1525	1935	-4.9
	2345				2310		
6		0305	+4.6	21		0235	+4.6
	0655	0920	-2.1		0630	0850	-1.9
WE	1210	1430	+1.7	TH	1130	1355	+1.6
ME	1645	2045	-4.9	JE	1600	2015	-5.3
					2350		
7	0015	0345	+4.7	22		0320	+5.1
	0740	1005	-2.0		0720	0940	-2.0
TH	1255	1510	+1.3	FR	1225	1440	+1.5
JE	1710	2120	-4.7	VE	1640	2055	-5.5
8	0050	0425	+4.7	23	0035	0405	+5.4
	0825	1050	-1.9		0810	1030	-2.0
FR	1345	1545	+1.1	SA	1315	1525	+1.4
VE	1735	2155	-4.5	SA	1725	2145	-5.5
9	0125	0500	+4.6	24	0120	0455	+5.5
	0905	1135	-1.8		0900	1120	-2.1
SA	1435	1625	+0.8	SU	1415	1620	+1.3
SA	1805	2230	-4.2	DI	1815	2230	-5.3
10	0205	0540	+4.3	25	0205	0540	+5.4
	0945	1215	-1.8		0945	1215	-2.2
SU	1525	1705	+0.6	MO	1515	1715	+1.2
DI	1840	2310	-3.8	LU	1905	2325	-4.8
11	0240	0620	+4.1	26	0255	0630	+5.1
	1025	1300	-1.7		1030	1310	-2.4
MO	1625	1755	+0.4	TU	1625	1820	+1.0
LU	1915	2350	-3.4	MA	2010		
12	0320	0705	+3.8	27		0020	-4.2
	1110	1350	-1.7		0345	0725	+4.7
TU	1735	1850	+0.3	WE	1120	1410	-2.7
MA	1955			ME	1740	1935	+1.0
					2125		
13		0040	-2.9	28		0125	-3.4
	0405	0750	+3.4		0440	0820	+4.2
WE	1150	1445	-1.9	TH	1200	1510	-3.0
ME	1850	1955	+0.2	JE	1850	2100	+1.2
	2100				2305		
14		0135	-2.4	29		0235	-2.5
	0450	0840	+3.1		0535	0915	+3.6
TH	1230	1540	-2.1	FR	1240	1605	-3.5
JE	1945	2115	+0.4	VE	1950	2220	+1.7
	2240						
15		0240	-1.9	30	0105	0355	-1.9
	0545	0930	+2.8		0640	1010	+3.0
FR	1305	1625	-2.5	SA	1315	1655	-3.9
VE	2025	2230	+0.9	SA	2040	2335	+2.4

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0250	0520	-1.5	16	0215	0420	-0.9
	0745	1100	+2.4		0630	0955	+1.9
SU	1350	1745	-4.3	MO	1240	1645	-3.8
DI	2125			LU	2040	2350	+2.6
2		0035	+3.2	17	0345	0540	-0.8
	0420	0635	-1.4		0745	1045	+1.6
MO	0900	1155	+1.9	TU	1315	1730	-4.3
LU	1420	1825	-4.6	MA	2120		
	2205						
3		0130	+3.9	18		0045	+3.5
	0525	0740	-1.5		0450	0650	-1.0
TU	1010	1240	+1.5	WE	0900	1140	+1.4
MA	1450	1905	-4.7	ME	1355	1820	-4.8
	2245				2205		
4		0215	+4.4	19		0135	+4.3
	0615	0835	-1.6		0545	0750	-1.3
WE	1110	1325	+1.2	TH	1010	1235	+1.3
ME	1520	1945	-4.8	JE	1440	1905	-5.2
	2320				2250		
5		0255	+4.7	20		0220	+4.9
	0700	0920	-1.7		0630	0840	-1.6
TH	1210	1405	+1.0	FR	1115	1330	+1.4
JE	1555	2020	-4.7	VE	1530	1955	-5.6
	2355				2335		
6		0330	+4.8	21		0310	+5.4
	0740	1000	-1.7		0715	0930	-1.9
FR	1255	1445	+0.8	SA	1210	1425	+1.4
VE	1625	2055	-4.6	SA	1625	2045	-5.7
7	0030	0405	+4.8	22	0020	0355	+5.7
	0815	1040	-1.8		0800	1020	-2.2
SA	1345	1525	+0.7	SU	1310	1520	+1.5
SA	1700	2130	-4.4	DI	1720	2135	-5.7
8	0105	0445	+4.7	23	0105	0440	+5.8
	0850	1120	-1.9		0840	1110	-2.5
SU	1425	1605	+0.7	MO	1405	1615	+1.6
DI	1740	2210	-4.2	LU	1815	2225	-5.4
9	0140	0515	+4.5	24	0150	0525	+5.7
	0920	1155	-1.9		0915	1155	-2.9
MO	1510	1650	+0.6	TU	1505	1715	+1.6
LU	1820	2245	-3.9	MA	1920	2315	-4.8
10	0215	0550	+4.3	25	0235	0610	+5.3
	0950	1235	-2.0		0955	1245	-3.2
TU	1600	1730	+0.6	WE	1605	1815	+1.6
MA	1900	2325	-3.5	ME	2025		
11	0250	0625	+4.0	26		0010	-4.0
	1020	1310	-2.2		0320	0655	+4.8
WE	1650	1820	+0.6	TH	1030	1335	-3.5
ME	1955			JE	1705	1925	+1.7
					2145		
12		0005	-3.0	27		0105	-3.0
	0325	0705	+3.7		0410	0740	+4.0
TH	1050	1350	-2.3	FR	1105	1425	-3.7
JE	1740	1920	+0.6	VE	1810	2040	+1.8
	2100				2320		
13		0050	-2.4	28		0215	-2.0
	0400	0740	+3.3		0500	0825	+3.2
FR	1120	1435	-2.6	SA	1140	1520	-4.0
VE	1830	2025	+0.8	SA	1910	2200	+2.2
	2230						
14		0150	-1.7	29	0115	0335	-1.3
	0440	0820	+2.8		0555	0920	+2.4
SA	1145	1515	-2.9	SU	1215	1610	-4.1
SA	1915	2140	+1.2	DI	2005	2315	+2.8
15	0020	0300	-1.2	30	0305	0505	-0.9
	0530	0905	+2.3		0710	1015	+1.7
SU	1210	1600	-3.3	MO	1250	1705	-4.2
DI	2000	2250	+1.8	LU	2055		
				31		0020	+3.3
					0430	0630	-0.9
				TU	0840	1115	+1.2
				MA	1325	1755	-4.3
					2140		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE — - EBB/JUSANT DIRECTION 315 TRUE/VRAIE

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit./n
1		0335	+5.8	16	0005	0340	+4.5
	0730	1000	-2.5		0740	1010	-2.0
TU	1250	1510	+1.8	WE	1305	1515	+1.2
MA	1715	2120	-5.4	ME	1715	2115	-4.1
2	0045	0420	+5.8	17	0040	0415	+4.6
	0810	1045	-2.8		0805	1040	-2.2
WE	1345	1605	+1.9	TH	1340	1555	+1.4
ME	1815	2210	-5.1	JE	1800	2150	-4.0
3	0130	0500	+5.6	18	0110	0445	+4.5
	0850	1130	-3.1		0830	1110	-2.5
TH	1440	1700	+2.0	FR	1410	1630	+1.6
JE	1915	2300	-4.5	VE	1845	2230	-3.8
4	0215	0545	+5.2	19	0145	0510	+4.3
	0925	1215	-3.3		0850	1140	-2.7
FR	1535	1755	+2.0	SA	1445	1715	+1.8
VE	2015	2350	-3.8	SA	1940	2310	-3.4
5	0255	0625	+4.6	20	0215	0540	+4.0
	1000	1300	-3.5		0910	1210	-3.0
SA	1630	1855	+2.0	SU	1530	1800	+2.0
SA	2125			DI	2035	2350	-2.9
6		0040	-2.9	21	0250	0615	+3.6
	0335	0705	+3.9		0935	1245	-3.3
SU	1030	1345	-3.5	MO	1615	1855	+2.2
DI	1725	2000	+2.0	LU	2145		
	2245						
7		0135	-2.0	22		0040	-2.2
	0420	0750	+3.1		0325	0650	+3.1
MO	1100	1435	-3.6	TU	1000	1330	-3.6
LU	1820	2110	+2.1	MA	1705	2000	+2.3
					2315		
8	0025	0245	-1.2	23		0140	-1.5
	0505	0835	+2.3		0410	0730	+2.5
TU	1135	1525	-3.6	WE	1030	1415	-3.8
MA	1915	2220	+2.4	ME	1805	2110	+2.6
9	0210	0405	-0.8	24	0100	0300	-0.9
	0610	0925	+1.6		0505	0825	+1.9
WE	1205	1615	-3.5	TH	1110	1515	-4.0
ME	2005	2325	+2.8	JE	1910	2230	+3.0
10	0345	0535	-0.7	25	0250	0435	-0.6
	0735	1025	+1.1		0625	0930	+1.5
TH	1245	1705	-3.6	FR	1200	1620	-4.2
JE	2050			VE	2010	2345	+3.6
11		0025	+3.2	26	0410	0605	-0.8
	0445	0645	-0.9		0810	1050	+1.2
FR	0910	1125	+0.8	SA	1300	1730	-4.5
VE	1325	1755	-3.6	SA	2115		
	2135						
12		0115	+3.7	27		0050	+4.3
	0530	0745	-1.1		0505	0715	-1.3
SA	1025	1225	+0.7	SU	0940	1205	+1.3
SA	1410	1840	-3.8	DI	1410	1830	-4.8
	2215				2210		
13		0155	+4.0	28		0145	+4.9
	0605	0825	-1.4		0550	0810	-1.8
SU	1120	1315	+0.8	MO	1050	1310	+1.5
DI	1500	1925	-3.9	LU	1520	1930	-5.1
	2255				2300		
14		0235	+4.3	29		0230	+5.3
	0640	0905	-1.6		0630	0855	-2.3
MO	1200	1400	+0.9	TU	1145	1410	+1.9
LU	1545	2005	-4.0	MA	1625	2020	-5.1
	2330				2345		
15		0310	+4.4	30		0315	+5.4
	0710	0940	-1.8		0705	0940	-2.8
TU	1235	1435	+1.0	WE	1235	1505	+2.2
MA	1630	2040	-4.1	ME	1725	2110	-5.0
				31	0030	0400	+5.4
					0735	1020	-3.3
				TH	1325	1555	+2.5
				JE	1825	2200	-4.7

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit./n
1	0115	0435	+5.1	16	0050	0410	+4.1
	0805	1100	-3.6		0730	1025	-3.1
FR	1410	1645	+2.7	SA	1330	1615	+2.6
VE	1925	2245	-4.1	SA	1900	2215	-3.6
2	0150	0515	+4.6	17	0125	0435	+3.9
	0835	1140	-3.8		0750	1055	-3.5
SA	1455	1735	+2.7	SU	1405	1700	+2.9
SA	2020	2330	-3.4	DI	1950	2255	-3.2
3	0230	0550	+4.0	18	0155	0505	+3.5
	0905	1215	-3.9		0815	1130	-3.8
SU	1540	1825	+2.7	MO	1445	1745	+3.1
DI	2125			LU	2050	2340	-2.7
4		0020	-2.6	19	0230	0540	+3.1
	0305	0625	+3.3		0840	1205	-4.0
MO	0930	1255	-3.8	TU	1530	1835	+3.2
LU	1625	1920	+2.6	MA	2155		
	2235						
5		0110	-1.8	20		0030	-2.0
	0345	0700	+2.5		0310	0615	+2.6
TU	0955	1335	-3.6	WE	0905	1250	-4.0
MA	1715	2020	+2.5	ME	1625	1935	+3.1
	2355				2320		
6		0210	-1.1	21		0135	-1.3
	0430	0740	+1.8		0400	0700	+2.0
WE	1025	1420	-3.4	TH	0940	1340	-4.0
ME	1810	2125	+2.5	JE	1725	2050	+3.1
7	0135	0330	-0.7	22	0100	0255	-0.8
	0535	0830	+1.2		0500	0800	+1.4
TH	1100	1515	-3.2	FR	1025	1445	-3.8
JE	1905	2240	+2.7	VE	1835	2210	+3.3
8	0305	0500	-0.6	23	0235	0430	-0.8
	0710	0940	+0.7		0640	0920	+1.0
FR	1140	1620	-3.0	SA	1130	1600	-3.8
VE	2005	2345	+2.9	SA	1950	2330	+3.7
9	0410	0620	-0.8	24	0350	0600	-1.1
	0855	1055	+0.6		0830	1050	+1.0
SA	1240	1720	-3.1	SU	1250	1720	-4.0
SA	2100			DI	2055		
10		0040	+3.3	25		0035	+4.1
	0450	0715	-1.2		0435	0700	-1.7
SU	1005	1205	+0.7	MO	0945	1210	+1.3
DI	1350	1815	-3.3	LU	1415	1825	-4.2
	2145				2155		
11		0125	+3.7	26		0125	+4.5
	0530	0755	-1.5		0515	0750	-2.3
MO	1050	1255	+0.9	TU	1045	1315	+1.8
LU	1450	1905	-3.5	MA	1535	1925	-4.4
	2230				2245		
12		0205	+4.0	27		0210	+4.7
	0600	0830	-1.8		0550	0835	-2.9
TU	1125	1340	+1.2	WE	1130	1410	+2.4
MA	1545	1945	-3.8	ME	1640	2015	-4.4
	2305				2330		
13		0240	+4.2	28		0250	+4.7
	0625	0900	-2.1		0620	0910	-3.4
WE	1200	1420	+1.5	TH	1215	1500	+2.8
ME	1635	2025	-3.9	JE	1740	2100	-4.3
	2345						
14		0310	+4.3				
	0650	0930	-2.4				
TH	1230	1500	+1.9				
JE	1720	2100	-4.0				
15	0015	0340	+4.3				
	0710	1000	-2.8				
FR	1300	1535	+2.2				
VE	1810	2135	-3.9				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit./n
1	0015	0330	+4.5	16		0300	+3.6
	0650	0945	-3.8		0610	0915	-3.5
FR	1255	1545	+3.2	SA	1220	1520	+3.2
VE	1835	2150	-3.9	SA	1815	2125	-3.4
2	0055	0405	+4.2	17	0025	0330	+3.5
	0715	1020	-4.0		0630	0945	-3.9
SA	1335	1630	+3.4	SU	1255	1600	+3.7
SA	1930	2230	-3.4	DI	1910	2205	-3.2
3	0130	0435	+3.7	18	0105	0400	+3.2
	0740	1055	-4.1		0655	1015	-4.2
SU	1415	1715	+3.5	MO	1330	1640	+4.0
DI	2025	2315	-2.8	LU	2005	2250	-2.8
4	0210	0510	+3.1	19	0145	0435	+2.8
	0805	1130	-4.1		0720	1050	-4.4
MO	1450	1800	+3.5	TU	1415	1730	+4.1
LU	2120	2355	-2.3	MA	2100	2340	-2.4
5	0245	0540	+2.5	20	0225	0515	+2.4
	0825	1205	-3.9		0750	1135	-4.4
TU	1530	1845	+3.3	WE	1500	1820	+4.1
MA	2220			ME	2205		
6		0045	-1.7	21		0035	-1.9
	0330	0620	+1.9		0315	0555	+2.0
WE	0855	1240	-3.6	TH	0825	1220	-4.3
ME	1615	1935	+3.0	JE	1555	1920	+3.8
	2325				2320		
7		0145	-1.2	22		0140	-1.4
	0420	0700	+1.3		0415	0650	+1.4
TH	0925	1325	-3.2	FR	0910	1315	-4.0
JE	1705	2030	+2.8	VE	1700	2030	+3.6
8	0040	0255	-0.9	23	0045	0300	-1.2
	0525	0750	+0.8		0535	0800	+1.0
FR	1000	1420	-2.8	SA	1005	1430	-3.6
VE	1805	2140	+2.7	SA	1810	2150	+3.5
9	0200	0415	-0.8	24	0205	0425	-1.3
	0705	0905	+0.5		0720	0930	+0.8
SA	1050	1530	-2.6	SU	1125	1550	-3.4
SA	1910	2250	+2.7	DI	1925	2305	+3.7
10	0305	0535	-1.0	25	0305	0540	-1.8
	0840	1030	+0.5		0845	1100	+1.1
SU	1210	1640	-2.6	MO	1305	1710	-3.4
DI	2010	2355	+3.0	LU	2030		
11	0355	0630	-1.4	26		0005	+3.8
	0935	1140	+0.7		0350	0635	-2.4
MO	1335	1745	-2.8	TU	0945	1215	+1.7
LU	2105			MA	1440	1815	-3.5
					2130		
12		0040	+3.3	27		0055	+4.0
	0430	0710	-1.8		0425	0720	-3.0
TU	1015	1235	+1.2	WE	1030	1315	+2.4
MA	1445	1835	-3.1	ME	1555	1915	-3.5
	2155				2225		
13		0120	+3.5	28		0140	+3.9
	0500	0745	-2.2		0455	0800	-3.5
WE	1050	1320	+1.6	TH	1110	1405	+3.0
ME	1545	1920	-3.3	JE	1700	2005	-3.5
	2235				2310		
14		0155	+3.7	29		0220	+3.7
	0525	0815	-2.6		0525	0835	-3.9
TH	1115	1400	+2.2	FR	1150	1450	+3.5
JE	1635	2000	-3.5	VE	1755	2055	-3.3
	2315				2355		
15		0230	+3.7	30		0255	+3.4
	0545	0845	-3.0		0550	0910	-4.2
FR	1150	1440	+2.7	SA	1225	1530	+3.9
VE	1725	2040	-3.5	SA	1850	2140	-3.0
	2350						
				31	0035	0330	+3.0
					0615	0940	-4.3
				SU	1300	1610	+4.1
				DI	1940	2220	-2.7

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE - EBB/JUSANT DIRECTION 270 TRUE/VRAIE

TABLE DES COURANTS

SECOND NARROWS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0115	0400	+2.5	16	0050	0330	+2.4
	0640	1010	-4.3		0600	0940	-4.9
MO	1335	1650	+4.1	TU	1305	1630	+4.9
LU	2025	2305	-2.4	MA	2015	2245	-2.5
2	0155	0435	+2.1	17	0135	0410	+2.2
	0700	1045	-4.1		0635	1025	-4.9
TU	1405	1730	+4.0	WE	1350	1720	+4.9
MA	2115	2345	-2.0	ME	2110	2340	-2.3
3	0235	0510	+1.7	18	0230	0455	+1.8
	0730	1120	-3.8		0715	1110	-4.7
WE	1445	1810	+3.8	TH	1440	1810	+4.8
ME	2200			JE	2210		
4		0030	-1.7	19		0035	-2.0
	0325	0545	+1.3		0330	0550	+1.5
TH	0755	1155	-3.5	FR	0800	1205	-4.4
JE	1525	1855	+3.5	VE	1535	1910	+4.5
	2255				2315		
5		0120	-1.5	20		0145	-1.8
	0420	0630	+0.9		0440	0650	+1.1
FR	0830	1240	-3.1	SA	0855	1305	-3.9
VE	1610	1945	+3.2	SA	1635	2015	+4.1
	2355						
6		0225	-1.3	21	0020	0255	-1.9
	0530	0725	+0.6		0605	0810	+0.9
SA	0910	1330	-2.7	SU	1005	1415	-3.3
SA	1705	2045	+2.9	DI	1740	2120	+3.8
7	0055	0335	-1.2	22	0115	0410	-2.1
	0655	0835	+0.4		0730	0940	+1.0
SU	1015	1440	-2.4	MO	1145	1535	-2.9
DI	1805	2150	+2.8	LU	1850	2230	+3.6
8	0155	0440	-1.4	23	0210	0510	-2.6
	0805	0955	+0.5		0835	1100	+1.5
MO	1145	1550	-2.3	TU	1330	1655	-2.7
LU	1910	2255	+2.8	MA	1955	2325	+3.5
9	0240	0535	-1.8	24	0250	0600	-3.1
	0855	1110	+0.9		0925	1210	+2.2
TU	1315	1700	-2.3	WE	1500	1805	-2.6
MA	2010	2345	+3.0	ME	2100		
10	0315	0615	-2.2	25		0015	+3.2
	0935	1205	+1.5		0325	0645	-3.6
WE	1435	1800	-2.5	TH	1005	1305	+2.9
ME	2105			JE	1615	1905	-2.5
					2155		
11		0025	+3.0	26		0100	+3.0
	0345	0650	-2.7		0355	0725	-4.0
TH	1005	1255	+2.2	FR	1045	1355	+3.6
JE	1540	1850	-2.7	VE	1715	2000	-2.5
	2150				2245		
12		0105	+3.0	27		0140	+2.6
	0410	0725	-3.2		0420	0755	-4.3
FR	1035	1335	+2.9	SA	1120	1435	+4.0
VE	1640	1940	-2.8	SA	1810	2045	-2.3
	2235				2335		
13		0140	+3.0	28		0215	+2.2
	0435	0755	-3.8		0445	0830	-4.4
SA	1110	1420	+3.5	SU	1155	1515	+4.3
SA	1735	2025	-2.8	DI	1900	2130	-2.2
	2320						
14		0215	+2.9	29	0020	0250	+1.9
	0500	0830	-4.2		0510	0900	-4.3
SU	1145	1500	+4.2	MO	1225	1555	+4.5
DI	1825	2110	-2.8	LU	1945	2215	-2.1
15	0005	0250	+2.7	30	0105	0325	+1.5
	0530	0905	-4.6		0540	0935	-4.2
MO	1225	1545	+4.6	TU	1300	1630	+4.5
LU	1920	2200	-2.7	MA	2025	2255	-2.0

MAY–MAI

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0150	0405	+1.3	16	0135	0355	+1.7
	0605	1005	-4.0		0605	1005	-5.2
WE	1330	1705	+4.3	TH	1335	1710	+5.5
ME	2105	2335	-1.9	JE	2110	2340	-2.4
2	0235	0440	+1.1	17	0235	0450	+1.5
	0635	1045	-3.8		0655	1055	-4.9
TH	1410	1745	+4.1	FR	1425	1800	+5.3
JE	2145			VE	2200		
3		0020	-1.8	18		0035	-2.4
	0325	0520	+0.9		0340	0550	+1.4
FR	0710	1120	-3.5	SA	0750	1150	-4.4
VE	1445	1825	+3.9	SA	1515	1855	+4.9
	2230				2250		
4		0105	-1.7	19		0135	-2.5
	0415	0605	+0.7		0450	0655	+1.2
SA	0750	1205	-3.1	SU	0855	1250	-3.7
SA	1530	1910	+3.6	DI	1610	1950	+4.5
	2315				2340		
5		0155	-1.7	20		0235	-2.7
	0520	0700	+0.5		0600	0810	+1.2
SU	0840	1255	-2.7	MO	1020	1400	-3.0
DI	1615	2000	+3.3	LU	1710	2045	+4.0
6	0000	0250	-1.7	21	0025	0335	-3.0
	0625	0805	+0.5		0710	0930	+1.5
MO	0945	1350	-2.3	TU	1200	1515	-2.4
LU	1710	2055	+3.0	MA	1810	2145	+3.5
7	0045	0345	-1.9	22	0110	0430	-3.3
	0720	0920	+0.7		0805	1050	+2.0
TU	1120	1500	-2.0	WE	1345	1630	-1.9
MA	1805	2145	+2.9	ME	1915	2240	+2.9
8	0120	0435	-2.3	23	0145	0520	-3.7
	0810	1030	+1.2		0855	1155	+2.7
WE	1300	1610	-1.8	TH	1515	1745	-1.7
ME	1905	2235	+2.7	JE	2020	2330	+2.5
9	0155	0515	-2.8	24	0220	0605	-4.0
	0845	1130	+1.8		0940	1250	+3.3
TH	1425	1720	-1.8	FR	1630	1855	-1.6
JE	2005	2325	+2.6	VE	2125		
10	0225	0555	-3.3	25		0020	+2.0
	0920	1225	+2.6		0250	0645	-4.2
FR	1540	1820	-1.9	SA	1015	1340	+3.9
VE	2100			SA	1730	1950	-1.7
					2225		
11		0005	+2.4	25		0100	+1.6
	0255	0630	-3.9		0320	0720	-4.3
SA	1000	1310	+3.5	SU	1050	1420	+4.3
SA	1640	1915	-2.0	DI	1820	2040	-1.7
	2200				2325		
12		0050	+2.3	27		0145	+1.3
	0325	0710	-4.4		0350	0755	-4.3
SU	1035	1400	+4.2	MO	1125	1500	+4.5
DI	1740	2010	-2.2	LU	1900	2125	-1.8
	2250						
13		0135	+2.2	28	0015	0220	+1.1
	0400	0750	-4.8		0415	0830	-4.2
MO	1120	1445	+4.8	TU	1200	1535	+4.6
LU	1835	2100	-2.3	MA	1940	2205	-1.8
	2345						
14		0220	+2.0	29	0105	0300	+0.9
	0435	0835	-5.2		0450	0905	-4.1
TU	1200	1530	+5.3	WE	1230	1610	+4.6
MA	1925	2155	-2.3	ME	2015	2245	-1.9
15	0040	0305	+1.9	30	0150	0340	+0.8
	0515	0920	-5.3		0525	0940	-4.0
WE	1245	1620	+5.5	TH	1305	1645	+4.5
ME	2015	2245	-2.4	JE	2050	2325	-1.9
				31	0230	0420	+0.8
					0600	1015	-3.8
				FR	1340	1720	+4.4
				VE	2125		

JUNE–JUIN

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0000	-1.9	16		0020	-3.0
	0315	0500	+0.8		0330	0545	+1.7
SA	0645	1055	-3.5	SU	0755	1140	-4.3
SA	1420	1800	+4.2	DI	1455	1830	+5.1
	2200				2215		
2		0040	-2.0	17		0110	-3.2
	0400	0545	+0.7		0430	0650	+1.7
SU	0730	1135	-3.2	MO	0905	1235	-3.5
DI	1455	1835	+3.9	LU	1545	1920	+4.5
	2230				2255		
3		0120	-2.1	18		0200	-3.4
	0445	0635	+0.7		0535	0755	+1.8
MO	0825	1220	-2.8	TU	1025	1340	-2.7
LU	1535	1915	+3.6	MA	1635	2005	+3.8
	2305				2335		
4		0200	-2.3	19		0255	-3.6
	0535	0735	+0.8		0635	0910	+2.0
TU	0935	1315	-2.3	WE	1205	1450	-1.9
MA	1615	2000	+3.3	ME	1725	2055	+3.1
	2335						
5		0245	-2.5	20	0010	0345	-3.8
	0625	0840	+1.1		0730	1025	+2.4
WE	1100	1415	-1.8	TH	1345	1605	-1.3
ME	1705	2040	+2.9	JE	1830	2150	+2.3
6	0005	0330	-2.9	21	0045	0435	-3.9
	0715	0950	+1.5		0820	1130	+2.9
TH	1240	1525	-1.4	FR	1520	1730	-1.0
JE	1800	2130	+2.5	VE	1940	2245	+1.8
7	0040	0415	-3.3	22	0115	0520	-4.0
	0800	1055	+2.2		0905	1230	+3.5
FR	1420	1640	-1.2	SA	1635	1840	-1.1
VE	1900	2220	+2.2	SA	2100	2340	+1.3
8	0110	0500	-3.8	23	0150	0605	-4.1
	0840	1155	+3.0		0945	1320	+3.9
SA	1540	1755	-1.2	SU	1730	1940	-1.2
SA	2010	2315	+2.0	DI	2215		
9	0145	0550	-4.3	24		0030	+1.0
	0925	1250	+3.8		0225	0650	-4.1
SU	1645	1900	-1.4	MO	1025	1400	+4.2
DI	2120			LU	1815	2030	-1.4
					2315		
10		0005	+1.8	25		0115	+0.9
	0225	0635	-4.8		0305	0730	-4.1
MO	1010	1340	+4.6	TU	1100	1440	+4.4
LU	1745	1955	-1.6	MA	1850	2115	-1.6
	2230						
11		0100	+1.7	26	0010	0200	+0.8
	0315	0725	-5.2		0345	0805	-4.0
TU	1055	1430	+5.2	WE	1135	1515	+4.5
MA	1835	2055	-1.9	ME	1925	2150	-1.8
	2330						
12		0155	+1.6	27	0050	0245	+0.8
	0400	0815	-5.4		0425	0845	-4.0
WE	1145	1520	+5.6	TH	1210	1550	+4.5
ME	1925	2145	-2.2	JE	1955	2225	-1.9
13	0030	0250	+1.7	28	0130	0325	+0.9
	0455	0905	-5.4		0505	0920	-3.9
TH	1235	1610	+5.8	FR	1245	1625	+4.5
JE	2010	2235	-2.5	VE	2025	2300	-2.0
14	0130	0345	+1.7	29	0205	0400	+0.9
	0550	0955	-5.3		0550	1000	-3.8
FR	1320	1655	+5.8	SA	1320	1700	+4.4
VE	2055	2330	-2.7	SA	2055	2330	-2.2
15	0230	0445	+1.7	30	0245	0440	+1.0
	0650	1045	-4.9		0635	1035	-3.6
SA	1410	1745	+5.6	SU	1355	1730	+4.3
SA	2135			DI	2120		

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE – EBB/JUSANT DIRECTION 270 TRUE/VRAIE

SECOND NARROWS PST Z+8

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0005	-2.3	16		0035	-3.8
	0320	0525	+1.1		0355	0630	+2.4
MO	0725	1115	-3.3	TU	0910	1220	-3.2
LU	1425	1800	+4.0	MA	1515	1845	+4.1
	2145				2205		
2		0035	-2.5	17		0120	-3.9
	0400	0610	+1.3		0450	0735	+2.4
TU	0820	1155	-2.8	WE	1025	1315	-2.3
MA	1500	1835	+3.7	ME	1600	1925	+3.3
	2205				2235		
3		0110	-2.8	18		0205	-3.9
	0440	0705	+1.4		0545	0840	+2.5
WE	0930	1245	-2.3	TH	1155	1425	-1.5
ME	1535	1910	+3.2	JE	1650	2010	+2.5
	2230				2305		
4		0150	-3.1	19		0255	-3.8
	0530	0805	+1.7		0640	0950	+2.7
TH	1050	1340	-1.7	FR	1335	1540	-0.9
JE	1615	1945	+2.8	VE	1750	2100	+1.8
	2300				2340		
5		0235	-3.4	20		0345	-3.7
	0620	0910	+2.1		0735	1055	+3.0
FR	1230	1450	-1.1	SA	1510	1705	-0.8
VE	1705	2035	+2.3	SA	1915	2200	+1.2
	2330						
6		0325	-3.7	21	0020	0440	-3.6
	0710	1020	+2.6		0825	1200	+3.3
SA	1415	1610	-0.8	SU	1620	1825	-0.9
SA	1810	2130	+1.8	DI	2045	2305	+0.9
7	0010	0415	-4.1	22	0105	0535	-3.6
	0805	1130	+3.3		0915	1250	+3.6
SU	1540	1735	-0.8	MO	1710	1925	-1.2
DI	1935	2230	+1.5	LU	2205		
8	0055	0515	-4.5	23		0005	+0.7
	0900	1230	+4.0		0155	0625	-3.7
MO	1645	1845	-1.1	TU	0955	1335	+3.9
LU	2100	2340	+1.4	MA	1745	2010	-1.4
					2305		
9	0150	0610	-4.8	24		0100	+0.8
	0950	1325	+4.7		0245	0710	-3.8
TU	1740	1950	-1.5	WE	1040	1415	+4.1
MA	2215			ME	1820	2050	-1.7
					2345		
10		0040	+1.5	25		0145	+0.9
	0250	0705	-5.2		0335	0750	-3.8
WE	1045	1420	+5.2	TH	1115	1455	+4.3
ME	1825	2040	-1.9	JE	1850	2125	-1.9
	2320						
11		0145	+1.6	26	0020	0225	+1.1
	0350	0800	-5.4		0425	0830	-3.9
TH	1130	1505	+5.6	FR	1150	1525	+4.3
JE	1905	2130	-2.4	VE	1920	2155	-2.1
12	0020	0245	+1.8	27	0055	0305	+1.3
	0450	0855	-5.4		0510	0905	-3.8
FR	1220	1555	+5.7	SA	1225	1555	+4.3
VE	1945	2220	-2.8	SA	1945	2225	-2.3
13	0115	0340	+2.0	28	0125	0345	+1.5
	0555	0945	-5.2		0555	0940	-3.7
SA	1305	1635	+5.7	SU	1255	1625	+4.2
SA	2020	2305	-3.2	DI	2005	2250	-2.5
14	0210	0435	+2.2	29	0200	0420	+1.7
	0655	1035	-4.7		0640	1015	-3.5
SU	1350	1720	+5.3	MO	1330	1655	+4.0
DI	2055	2350	-3.6	LU	2025	2320	-2.8
15	0305	0535	+2.3	30	0230	0505	+1.9
	0800	1125	-4.0		0730	1055	-3.2
MO	1435	1800	+4.8	TU	1400	1725	+3.8
LU	2130			MA	2045	2350	-3.1
				31	0310	0545	+2.1
					0830	1135	-2.7
				WE	1435	1755	+3.4
				ME	2105		

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0020	-3.3	16		0115	-3.9
	0350	0635	+2.3		0450	0800	+3.0
TH	0930	1220	-2.1	FR	1140	1400	-1.4
JE	1510	1825	+2.9	VE	1625	1925	+1.8
	2130				2205		
2		0100	-3.6	17		0200	-3.6
	0435	0730	+2.5		0545	0905	+2.9
FR	1050	1320	-1.5	SA	1305	1510	-0.9
VE	1545	1905	+2.4	SA	1730	2020	+1.2
	2200				2240		
3		0145	-3.7	18		0255	-3.3
	0530	0840	+2.6		0640	1015	+2.9
SA	1225	1430	-0.9	SU	1430	1635	-0.8
SA	1635	1950	+1.9	DI	1905	2125	+0.8
	2235				2330		
4		0240	-3.8	19		0400	-3.1
	0630	0955	+2.9		0740	1120	+3.0
SU	1410	1555	-0.7	MO	1535	1755	-1.0
DI	1750	2055	+1.4	LU	2040	2245	+0.6
	2325						
5		0345	-4.0	20	0030	0500	-3.1
	0735	1110	+3.4		0835	1215	+3.3
MO	1535	1725	-0.8	TU	1625	1855	-1.3
LU	1930	2210	+1.2	MA	2150	2350	+0.7
6	0025	0455	-4.3	21	0140	0600	-3.2
	0840	1215	+4.0		0925	1305	+3.6
TU	1630	1835	-1.2	WE	1700	1935	-1.7
MA	2100	2330	+1.3	ME	2235		
7	0135	0600	-4.6	22		0045	+1.0
	0935	1310	+4.6		0245	0650	-3.4
WE	1715	1935	-1.7	TH	1010	1345	+3.8
ME	2215			JE	1735	2010	-2.0
					2310		
8		0040	+1.5	23		0130	+1.3
	0250	0700	-4.9		0340	0730	-3.5
TH	1030	1400	+5.0	FR	1050	1420	+4.0
JE	1755	2025	-2.3	VE	1800	2045	-2.3
	2315				2345		
9		0140	+1.9	24		0210	+1.6
	0400	0755	-5.0		0425	0810	-3.6
FR	1120	1445	+5.3	SA	1125	1450	+4.0
VE	1830	2110	-2.9	SA	1825	2110	-2.5
10	0005	0240	+2.3	25	0015	0245	+1.9
	0500	0845	-4.9		0515	0845	-3.6
SA	1205	1530	+5.3	SU	1200	1520	+3.9
SA	1905	2150	-3.4	DI	1845	2140	-2.8
11	0055	0330	+2.7	26	0045	0325	+2.3
	0605	0935	-4.7		0600	0925	-3.5
SU	1250	1610	+5.1	MO	1230	1550	+3.8
DI	1935	2230	-3.8	LU	1905	2205	-3.1
12	0140	0425	+3.0	27	0115	0400	+2.6
	0705	1025	-4.2		0650	1000	-3.3
MO	1330	1650	+4.7	TU	1305	1615	+3.5
LU	2005	2310	-4.1	MA	1925	2235	-3.4
13	0230	0515	+3.1	28	0145	0440	+2.9
	0805	1110	-3.5		0740	1040	-2.9
TU	1410	1725	+4.1	WE	1340	1645	+3.2
MA	2035	2350	-4.2	ME	1945	2305	-3.7
14	0315	0605	+3.2	29	0220	0525	+3.1
	0910	1200	-2.8		0835	1125	-2.5
WE	1455	1805	+3.3	TH	1415	1715	+2.8
ME	2105			JE	2010	2340	-3.9
15		0030	-4.1	30	0305	0610	+3.2
	0400	0700	+3.1		0935	1210	-1.9
TH	1020	1255	-2.0	FR	1450	1750	+2.3
JE	1535	1840	+2.6	VE	2035		
	2135						
				31		0020	-4.0
					0355	0705	+3.2
				SA	1050	1310	-1.4
				SA	1535	1835	+1.9
					2110		

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0110	-3.9	16		0205	-2.9
	0450	0815	+3.2		0545	0920	+2.9
SU	1220	1420	-1.0	MO	1335	1600	-1.1
DI	1640	1930	+1.4	LU	1905	2100	+0.5
	2155				2245		
2		0210	-3.8	17		0315	-2.6
	0600	0930	+3.3		0645	1030	+2.9
MO	1350	1550	-0.8	TU	1435	1715	-1.3
LU	1810	2045	+1.0	MA	2030	2220	+0.5
	2255						
3		0325	-3.7	18	0005	0425	-2.5
	0710	1050	+3.5		0750	1130	+3.0
TU	1505	1720	-1.1	WE	1525	1810	-1.6
MA	1950	2215	+1.0	ME	2125	2330	+0.8
4	0015	0440	-3.8	19	0130	0525	-2.7
	0815	1155	+4.0		0845	1220	+3.2
WE	1555	1825	-1.7	TH	1600	1850	-2.0
ME	2110	2335	+1.3	JE	2205		
5	0145	0550	-4.1	20		0025	+1.3
	0915	1250	+4.3		0240	0620	-2.9
TH	1635	1915	-2.3	FR	0930	1300	+3.4
JE	2210			VE	1630	1925	-2.4
					2235		
6		0045	+1.9	21		0110	+1.7
	0305	0650	-4.3		0340	0705	-3.0
FR	1010	1335	+4.6	SA	1015	1335	+3.5
VE	1710	2000	-3.0	SA	1655	1955	-2.8
	2300				2305		
7		0140	+2.5	22		0150	+2.2
	0415	0745	-4.3		0430	0745	-3.1
SA	1100	1420	+4.6	SU	1055	1405	+3.4
SA	1745	2040	-3.6	DI	1720	2025	-3.2
	2345				2330		
8		0235	+3.0	23		0225	+2.7
	0520	0835	-4.2		0520	0825	-3.1
SU	1145	1500	+4.5	MO	1130	1435	+3.3
DI	1815	2115	-4.0	LU	1740	2050	-3.5
9	0025	0320	+3.5	24	0000	0305	+3.2
	0620	0925	-3.9		0610	0905	-3.0
MO	1230	1535	+4.1	TU	1205	1505	+3.1
LU	1840	2155	-4.3	MA	1800	2120	-3.8
10	0110	0410	+3.8	25	0035	0340	+3.6
	0715	1010	-3.4		0700	0950	-2.8
TU	1310	1615	+3.6	WE	1245	1535	+2.8
MA	1910	2230	-4.4	ME	1820	2150	-4.1
11	0150	0455	+3.9	26	0110	0420	+4.0
	0810	1100	-2.9		0750	1030	-2.6
WE	1350	1650	+3.0	TH	1320	1610	+2.5
ME	1935	2305	-4.3	JE	1845	2225	-4.3
12	0230	0540	+3.8	27	0150	0505	+4.1
	0910	1145	-2.4		0845	1115	-2.2
TH	1435	1725	+2.4	FR	1405	1645	+2.2
JE	2005	2345	-4.1	VE	1915	2305	-4.4
13	0310	0625	+3.7	28	0230	0555	+4.1
	1010	1235	-1.8		0945	1210	-1.8
FR	1520	1805	+1.8	SA	1450	1730	+1.8
VE	2035			SA	1950	2350	-4.2
14		0025	-3.7	29	0325	0650	+3.9
	0355	0720	+3.4		1050	1310	-1.5
SA	1110	1335	-1.4	SU	1545	1820	+1.4
SA	1615	1850	+1.3	DI	2035		
	2105						
15		0110	-3.3	30		0045	-4.0
	0445	0815	+3.1		0420	0755	+3.7
SU	1225	1445	-1.1	MO	1210	1425	-1.3
DI	1730	1945	+0.8	LU	1705	1925	+1.0
	2145				2130		

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE

- EBB/JUSANT DIRECTION 270 TRUE/VRAIE

TABLE DES COURANTS

SECOND NARROWS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0150	-3.6	16		0220	-2.3
	0530	0910	+3.6		0545	0930	+2.9
TU	1320	1550	-1.4	WE	1330	1625	-1.7
MA	1845	2050	+0.8	ME	2000	2150	+0.5
	2250				2335		
2		0310	-3.3	17		0335	-2.1
	0640	1020	+3.7		0645	1030	+2.9
WE	1420	1700	-1.8	TH	1415	1720	-2.0
ME	2010	2225	+1.1	JE	2050	2300	+0.9
3	0030	0430	-3.3	18	0110	0445	-2.1
	0750	1125	+3.8		0745	1120	+2.9
TH	1510	1800	-2.5	FR	1450	1800	-2.4
JE	2110	2340	+1.7	VE	2125	2355	+1.5
4	0205	0540	-3.3	19	0230	0545	-2.2
	0850	1220	+3.9		0840	1205	+2.9
FR	1545	1845	-3.1	SA	1520	1835	-2.9
VE	2200			SA	2155		
5		0045	+2.4	20		0045	+2.2
	0325	0645	-3.4		0335	0635	-2.3
SA	0945	1305	+3.9	SU	0930	1245	+2.8
SA	1620	1930	-3.7	DI	1545	1905	-3.3
	2240				2225		
6		0135	+3.2	21		0125	+2.8
	0435	0740	-3.3		0435	0725	-2.4
SU	1040	1345	+3.7	MO	1015	1320	+2.7
DI	1650	2005	-4.2	LU	1610	1935	-3.8
	2320				2255		
7		0225	+3.8	22		0205	+3.5
	0535	0830	-3.2		0525	0810	-2.5
MO	1125	1425	+3.4	TU	1100	1350	+2.6
LU	1720	2040	-4.5	MA	1635	2005	-4.2
	2355				2325		
8		0310	+4.2	23		0245	+4.1
	0630	0915	-3.0		0615	0855	-2.5
TU	1210	1500	+3.0	WE	1145	1425	+2.4
MA	1745	2115	-4.6	ME	1700	2040	-4.6
9	0035	0350	+4.4	24	0000	0325	+4.5
	0725	1005	-2.7		0705	0940	-2.4
WE	1255	1540	+2.5	TH	1225	1505	+2.2
ME	1810	2150	-4.6	JE	1730	2115	-4.8
10	0115	0435	+4.5	25	0040	0405	+4.8
	0815	1050	-2.4		0755	1025	-2.3
TH	1340	1615	+2.0	FR	1310	1545	+2.0
JE	1840	2225	-4.4	VE	1800	2155	-4.9
11	0150	0515	+4.3	26	0125	0455	+4.9
	0900	1135	-2.1		0850	1115	-2.1
FR	1425	1650	+1.6	SA	1400	1625	+1.7
VE	1905	2300	-4.0	SA	1840	2240	-4.8
12	0230	0555	+4.1	27	0210	0545	+4.8
	0950	1220	-1.8		0945	1210	-2.0
SA	1515	1730	+1.2	SU	1500	1715	+1.4
SA	1940	2340	-3.6	DI	1925	2330	-4.5
13	0310	0640	+3.7	28	0305	0640	+4.6
	1045	1315	-1.6		1045	1310	-1.9
SU	1615	1820	+0.9	MO	1605	1815	+1.1
DI	2015			LU	2015		
14		0025	-3.2	29		0030	-4.0
	0355	0735	+3.4		0400	0740	+4.3
MO	1140	1415	-1.4	TU	1145	1420	-1.9
LU	1725	1915	+0.6	MA	1730	1930	+0.9
	2055				2125		
15		0115	-2.7	30		0135	-3.5
	0445	0830	+3.1		0500	0845	+4.0
TU	1235	1520	-1.4	WE	1240	1530	-2.2
MA	1850	2030	+0.4	ME	1855	2100	+1.0
	2200				2300		
				31		0255	-2.9
					0605	0950	+3.8
				TH	1330	1635	-2.7
				JE	2000	2225	+1.4

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0050	0415	-2.6	16	0045	0350	-1.6
	0715	1050	+3.5		0635	1015	+2.6
FR	1415	1725	-3.3	SA	1330	1700	-2.8
VE	2055	2340	+2.2	SA	2035	2320	+1.7
2	0225	0530	-2.4	17	0220	0500	-1.5
	0820	1140	+3.3		0735	1100	+2.4
SA	1450	1815	-3.8	SU	1400	1740	-3.3
SA	2140			DI	2110		
3		0040	+3.0	18		0015	+2.5
	0350	0635	-2.4		0335	0605	-1.6
SU	0920	1230	+3.0	MO	0840	1145	+2.2
DI	1525	1855	-4.3	LU	1430	1815	-3.8
	2220				2145		
4		0130	+3.7	19		0100	+3.3
	0455	0730	-2.4		0435	0700	-1.7
MO	1015	1310	+2.7	TU	0935	1230	+2.1
LU	1555	1930	-4.6	MA	1500	1850	-4.3
	2255				2220		
5		0215	+4.2	20		0145	+4.0
	0550	0825	-2.3		0530	0750	-1.9
TU	1110	1350	+2.3	WE	1030	1310	+2.0
MA	1620	2005	-4.7	ME	1535	1930	-4.7
	2335				2300		
6		0255	+4.6	21		0225	+4.6
	0640	0910	-2.2		0620	0840	-2.0
WE	1200	1430	+1.9	TH	1120	1355	+1.9
ME	1650	2040	-4.7	JE	1610	2010	-5.1
					2340		
7	0010	0335	+4.7	22		0310	+5.1
	0730	0955	-2.1		0705	0930	-2.1
TH	1245	1510	+1.6	FR	1215	1440	+1.8
JE	1720	2115	-4.5	VE	1650	2055	-5.2
8	0045	0415	+4.7	23	0025	0355	+5.4
	0810	1040	-2.0		0755	1020	-2.2
FR	1335	1545	+1.3	SA	1305	1525	+1.7
VE	1750	2150	-4.3	SA	1735	2140	-5.3
9	0120	0450	+4.6	24	0110	0445	+5.5
	0850	1120	-2.0		0845	1110	-2.3
SA	1420	1625	+1.1	SU	1400	1620	+1.6
SA	1820	2230	-4.0	DI	1825	2230	-5.1
10	0155	0530	+4.3	25	0200	0535	+5.4
	0935	1205	-1.9		0930	1205	-2.4
SU	1510	1705	+0.9	MO	1505	1715	+1.5
DI	1855	2305	-3.6	LU	1920	2320	-4.7
11	0235	0610	+4.0	26	0245	0625	+5.1
	1015	1250	-1.8		1020	1300	-2.5
MO	1605	1755	+0.7	TU	1610	1820	+1.3
LU	1935	2350	-3.2	MA	2020		
12	0315	0655	+3.7	27		0015	-4.0
	1055	1340	-1.8		0340	0715	+4.7
TU	1705	1845	+0.6	WE	1105	1400	-2.7
MA	2025			ME	1720	1930	+1.3
					2135		
13		0035	-2.7	28		0120	-3.3
	0355	0740	+3.4		0430	0810	+4.2
WE	1140	1430	-1.9	TH	1150	1455	-3.0
ME	1815	1955	+0.5	JE	1830	2050	+1.4
	2130				2315		
14		0130	-2.2	29		0235	-2.5
	0445	0830	+3.1		0530	0905	+3.6
TH	1220	1525	-2.1	FR	1235	1555	-3.4
JE	1915	2105	+0.6	VE	1935	2215	+1.9
	2300						
15		0240	-1.8	30	0105	0355	-1.9
	0535	0920	+2.8		0635	1005	+3.1
FR	1300	1615	-2.4	SA	1315	1650	-3.8
VE	2000	2220	+1.1	SA	2030	2325	+2.6

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0245	0515	-1.6	16	0205	0415	-1.0
	0745	1100	+2.5		0630	0955	+2.0
SU	1350	1735	-4.1	MO	1245	1640	-3.6
DI	2115			LU	2025	2340	+2.7
2		0025	+3.3	17	0330	0535	-0.9
	0405	0625	-1.5		0740	1050	+1.7
MO	0855	1150	+2.1	TU	1320	1730	-4.1
LU	1425	1820	-4.4	MA	2110		
	2155						
3		0120	+4.0	18		0035	+3.5
	0510	0730	-1.6		0435	0640	-1.1
TU	1000	1240	+1.7	WE	0855	1145	+1.6
MA	1500	1900	-4.5	ME	1405	1815	-4.5
	2235				2155		
4		0205	+4.4	19		0125	+4.3
	0600	0820	-1.7		0530	0740	-1.4
WE	1100	1325	+1.5	TH	1005	1235	+1.6
ME	1530	1940	-4.5	JE	1450	1905	-5.0
	2310				2240		
5		0245	+4.6	20		0210	+4.9
	0645	0910	-1.8		0615	0830	-1.8
TH	1155	1405	+1.2	FR	1105	1330	+1.6
JE	1605	2015	-4.5	VE	1540	1950	-5.3
	2345				2325		
6		0320	+4.7	21		0300	+5.4
	0725	0950	-1.9		0700	0920	-2.1
FR	1240	1445	+1.1	SA	1200	1425	+1.7
VE	1640	2055	-4.3	SA	1630	2040	-5.5
7	0020	0400	+4.7	22	0010	0345	+5.7
	0800	1030	-1.9		0745	1010	-2.4
SA	1325	1525	+1.0	SU	1300	1520	+1.8
SA	1715	2130	-4.2	DI	1725	2130	-5.4
8	0055	0435	+4.6	23	0055	0430	+5.8
	0835	1105	-2.0		0825	1100	-2.7
SU	1410	1605	+1.0	MO	1355	1615	+1.9
DI	1755	2205	-4.0	LU	1825	2220	-5.2
9	0130	0510	+4.5	24	0145	0515	+5.7
	0910	1145	-2.0		0905	1145	-3.0
MO	1450	1645	+0.9	TU	1450	1710	+1.9
LU	1835	2245	-3.7	MA	1925	2310	-4.7
10	0205	0545	+4.3	25	0230	0600	+5.3
	0940	1220	-2.1		0945	1235	-3.3
TU	1535	1730	+0.9	WE	1550	1815	+1.9
MA	1920	2320	-3.3	ME	2030		
11	0240	0620	+4.0	26		0005	-3.9
	1010	1300	-2.2		0315	0645	+4.8
WE	1625	1820	+0.8	TH	1020	1325	-3.5
ME	2010			JE	1650	1920	+1.9
					2150		
12		0005	-2.8	27		0105	-3.0
	0315	0655	+3.7		0400	0735	+4.1
TH	1040	1340	-2.3	FR	1100	1415	-3.7
JE	1715	1915	+0.9	VE	1755	2030	+2.1
	2115				2320		
13		0050	-2.3	28		0210	-2.1
	0355	0735	+3.3		0455	0825	+3.3
FR	1110	1425	-2.5	SA	1135	1510	-3.8
VE	1805	2020	+1.0	SA	1855	2145	+2.4
	2240						
14		0150	-1.7	29	0105	0330	-1.4
	0435	0815	+2.8		0555	0915	+2.5
SA	1140	1510	-2.8	SU	1215	1605	-3.9
SA	1855	2130	+1.4	DI	1950	2300	+2.8
15	0020	0300	-1.2	30	0250	0455	-1.0
	0525	0900	+2.4		0710	1015	+1.8
SU	1210	1555	-3.2	MO	1250	1655	-4.0
DI	1940	2240	+2.0	LU	2040		
				31		0005	+3.4
					0415	0615	-1.0
				TU	0835	1115	+1.4
				MA	1335	1750	-4.1
					2130		

+ FLOOD/FLOT DIRECTION 090 TRUE/VRAIE - EBB/JUSANT DIRECTION 270 TRUE/VRAIE

SECHELT RAPIDS PST Z+8

1991

JANUARY–JANVIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0215	0610	+15.8	16	0215	0630	+14.2
	0940	1130	-4.7		0945	1140	-4.6
TU	1355	1600	+6.7	WE	1410	1610	+6.0
MA	1800	2340	-14.9	ME	1815	2240	-12.5
2	0300	0655	+16.3	17	0245	0655	+13.8
	1015	1225	-5.7		1015	1225	-5.2
WE	1500	1650	+6.3	TH	1455	1655	+6.0
ME	1905			JE	1905	2310	-12.4
3		0025	-14.2	18	0310	0710	+13.2
	0335	0730	+16.3		1040	1305	-5.9
TH	1050	1325	-7.0	FR	1545	1740	+5.7
JE	1600	1750	+5.5	VE	2000	2350	-11.7
	2020						
4		0125	-12.4	19	0335	0620	+13.4
	0410	0805	+16.0		1100	1350	-6.8
FR	1120	1420	-8.4	SA	1640	1835	+5.3
VE	1710	1900	+4.6	SA	2100		
	2140						
5		0205	-10.4	20		0030	-10.3
	0440	0835	+15.0		0400	0640	+13.6
SA	1155	1510	-9.6	SU	1115	1425	-7.9
SA	1820	2030	+4.5	DI	1735	1940	+5.3
	2300				2210		
6		0245	-7.9	21		0125	-8.3
	0510	0905	+13.5		0430	0715	+13.2
SU	1220	1555	-10.4	MO	1130	1455	-8.9
DI	1930	2145	+5.2	LU	1835	2050	+5.9
					2330		
7	0035	0335	-5.2	22		0230	-5.9
	0540	0935	+11.4		0500	0755	+11.9
MO	1245	1640	-10.6	TU	1150	1520	-9.9
LU	2030	2255	+6.3	MA	1930	2155	+7.1
8	0235	0430	-2.7	23	0115	0340	-3.5
	0610	1010	+9.1		0540	0840	+9.9
TU	1305	1725	-10.4	WE	1205	1555	-10.7
MA	2120			ME	2025	2305	+8.4
9		0000	+7.6	24	0335	0505	-1.7
	0440	0540	-0.9		0625	0930	+7.7
WE	0645	1050	+6.8	TH	1235	1635	-11.2
ME	1325	1805	-10.5	JE	2120		
	2210						
10		0115	+9.1	25		0020	+9.8
	0610	0655	-0.6		0525	0625	-1.1
TH	0745	1140	+4.9	FR	0730	1035	+5.7
JE	1350	1900	-10.4	VE	1310	1735	-11.5
	2255				2220		
11		0230	+10.7	26		0145	+11.2
	0700	0805	-1.2		0630	0740	-1.5
FR	0925	1235	+3.9	SA	0900	1200	+4.8
VE	1420	1950	-10.6	SA	1405	1905	-12.0
	2340				2320		
12		0340	+12.1	27		0315	+12.8
	0735	0855	-2.2		0715	0840	-2.4
SA	1100	1325	+3.7	SU	1035	1310	+5.1
SA	1500	2040	-11.0	DI	1505	2035	-13.0
13	0025	0430	+13.3	28	0015	0420	+14.2
	0805	0940	-3.1		0755	0935	-3.4
SU	1200	1410	+4.2	MO	1150	1410	+6.2
DI	1545	2115	-11.4	LU	1610	2150	-14.0
14	0105	0515	+14.0	29	0110	0505	+15.2
	0840	1020	-3.7		0830	1030	-4.5
MO	1245	1450	+4.9	TU	1255	1505	+7.2
LU	1635	2150	-11.6	MA	1720	2220	-15.1
15	0145	0555	+14.3	30	0155	0545	+15.7
	0915	1100	-4.2		0900	1130	-5.8
TU	1325	1530	+5.6	WE	1355	1555	+7.7
MA	1725	2210	-12.2	ME	1835	2320	-14.5
				31	0230	0620	+15.6
					0930	1225	-7.3
				TH	1450	1650	+7.7
				JE	1945		

FEBRUARY–FEVRIER

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0000	-13.5	16	0235	0520	+12.2
	0305	0645	+15.1		0930	1240	-7.5
FR	1000	1315	-8.8	SA	1525	1740	+8.5
VE	1545	1750	+7.5	SA	2030	2345	-10.4
	2050						
2		0055	-11.1	17	0300	0535	+12.6
	0335	0705	+14.2		0945	1310	-8.5
SA	1025	1355	-10.0	SU	1615	1835	+8.7
SA	1645	1900	+7.4	DI	2125		
	2155						
3		0135	-8.9	18		0035	-8.6
	0400	0725	+12.9		0330	0600	+12.5
SU	1045	1430	-10.7	MO	0955	1335	-9.4
DI	1740	2005	+7.6	LU	1705	1930	+9.1
	2305				2235		
4		0215	-6.5	19		0135	-6.4
	0430	0745	+11.1		0400	0635	+11.6
MO	1105	1505	-10.8	TU	1010	1400	-10.2
LU	1835	2105	+7.9	MA	1755	2025	+9.6
5	0045	0305	-4.2	20	0005	0235	-4.4
	0455	0810	+9.0		0430	0715	+10.0
TU	1125	1535	-10.6	WE	1030	1430	-10.8
MA	1925	2210	+8.3	ME	1845	2125	+10.1
6	0235	0400	-2.2	21	0200	0340	-2.5
	0525	0845	+6.7		0510	0800	+7.8
WE	1145	1605	-10.0	TH	1055	1515	-11.1
ME	2020	2320	+8.8	JE	1940	2230	+10.4
7	0410	0510	-1.0	22	0345	0455	-1.5
	0610	0940	+4.5		0605	0900	+5.5
TH	1210	1645	-9.3	FR	1135	1620	-11.1
JE	2110			VE	2040		
8		0045	+9.6	23		0000	+10.8
	0525	0620	-0.9		0500	0610	-1.4
FR	0730	1100	+3.0	SA	0730	1020	+3.9
VE	1250	1745	-8.8	SA	1235	1735	-11.2
	2205				2145		
9		0210	+10.8	24		0150	+12.0
	0610	0730	-1.7		0555	0720	-2.2
SA	0935	1210	+2.7	SU	0925	1155	+3.8
SA	1340	1905	-8.9	DI	1350	1905	-11.7
	2255				2250		
10		0315	+11.9	25		0300	+13.3
	0650	0825	-2.7		0635	0825	-3.4
SU	1100	1305	+3.4	MO	1055	1310	+5.1
DI	1440	2005	-9.7	LU	1510	2025	-12.5
	2345				2345		
11		0400	+12.8	26		0350	+14.1
	0725	0915	-3.6		0710	0935	-4.7
MO	1150	1355	+4.7	TU	1200	1405	+6.7
LU	1545	2045	-10.7	MA	1635	2115	-13.4
12	0030	0440	+13.3	27	0035	0425	+14.4
	0800	0955	-4.2		0745	1040	-6.3
TU	1230	1435	+6.1	WE	1255	1500	+8.0
MA	1645	2115	-11.7	ME	1755	2210	-13.4
13	0110	0515	+13.3	28	0120	0500	+14.2
	0830	1040	-4.9		0810	1130	-7.8
WE	1310	1520	+7.3	TH	1345	1555	+9.0
ME	1745	2145	-12.4	JE	1905	2250	-12.5
14	0140	0540	+13.0				
	0855	1120	-5.6				
TH	1350	1605	+8.0				
JE	1840	2220	-12.4				
15	0210	0555	+12.4				
	0915	1205	-6.5				
FR	1440	1650	+8.4				
VE	1935	2300	-11.8				

MARCH–MARS

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0155	0520	+13.5	16	0125	0415	+10.8
	0835	1210	-9.1		0755	1130	-8.4
FR	1435	1655	+9.6	SA	1420	1650	+11.1
VE	2005	2350	-10.5	SA	1955	2300	-9.4
2	0225	0535	+12.6	17	0155	0425	+11.0
	0855	1250	-10.1		0805	1150	-9.3
SA	1525	1750	+10.1	SU	1505	1735	+11.8
SA	2105			DI	2050	2355	-8.0
3		0030	-8.8	18	0225	0455	+11.0
	0255	0550	+11.5		0815	1200	-10.2
SU	0910	1315	-10.6	MO	1550	1825	+12.3
DI	1610	1845	+10.5	LU	2200		
	2210						
4		0110	-7.1	19		0045	-6.4
	0320	0610	+10.3		0300	0525	+10.5
MO	0925	1335	-10.7	TU	0830	1225	-10.9
LU	1655	1935	+10.8	MA	1635	1910	+12.6
	2325				2320		
5		0155	-5.3	20		0135	-4.9
	0350	0635	+8.6		0330	0605	+9.3
TU	0940	1355	-10.5	WE	0850	1300	-11.3
MA	1740	2025	+10.7	ME	1720	2000	+12.7
6	0050	0240	-3.8	21	0045	0230	-3.5
	0425	0700	+6.7		0415	0645	+7.5
WE	1000	1425	-9.9	TH	0915	1355	-11.3
ME	1825	2120	+10.5	JE	1810	2055	+12.5
7	0205	0335	-2.6	22	0205	0330	-2.5
	0505	0740	+4.6		0505	0735	+5.3
TH	1020	1500	-9.2	FR	0955	1500	-11.0
JE	1910	2230	+10.1	VE	1905	2205	+12.1
8	0320	0435	-1.9	23	0315	0440	-2.2
	0610	0830	+2.5		0625	0845	+3.3
FR	1050	1545	-8.5	SA	1050	1610	-10.6
VE	2000			SA	2005		
9		0005	+10.1	24		0000	+12.2
	0420	0545	-2.0		0415	0550	-2.7
SA	0755	1020	+1.3	SU	0825	1030	+2.3
SA	1145	1645	-8.0	DI	1210	1730	-10.4
	2055				2105		
10		0125	+10.7	25		0120	+12.9
	0510	0650	-2.7		0505	0710	-3.9
SU	1005	1150	+1.7	MO	1005	1205	+3.3
DI	1305	1755	-8.0	LU	1400	1845	-10.4
	2150				2205		
11		0220	+11.2	26		0210	+13.3
	0555	0745	-3.6		0540	0840	-5.5
MO	1055	1250	+3.2	TU	1110	1310	+5.3
LU	1435	1855	-8.7	MA	1545	2000	-10.3
	2245				2305		
12		0305	+11.6	27		0255	+13.1
	0630	0840	-4.5		0615	0940	-7.2
TU	1135	1340	+5.2	WE	1200	1410	+7.3
MA	1550	1950	-9.7	ME	1710	2105	-10.0
	2335				2355		
13		0340	+11.7	28		0330	+12.5
	0700	0930	-5.4		0645	1030	-8.7
WE	1210	1425	+7.2	TH	1250	1505	+9.1
ME	1700	2040	-10.5	JE	1820	2200	-9.4
14	0020	0410	+11.4	29	0035	0355	+11.6
	0720	1015	-6.3		0705	1110	-9.8
TH	1250	1515	+8.9	FR	1335	1600	+10.5
JE	1800	2125	-10.8	VE	1925	2245	-8.4
15	0055	0425	+11.0	30	0115	0410	+10.6
	0740	1055	-7.3		0720	1115	-10.8
FR	1335	1600	+10.2	SA	1415	1650	+11.6
VE	1900	2210	-10.4	SA	2030	2330	-7.4
				31	0145	0430	+9.6
					0730	1135	-10.9
				SU	1500	1740	+12.5
				DI	2130		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE – EBB/JUSANT DIRECTION 315 TRUE/VRAIE

TABLE DES COURANTS

SECHELT RAPIDS HNP Z+8

1991

APRIL–AVRIL

Turns		Maximum			Renverse		Maximum	
Day	Time	Time	Rate/kn		Jour	Heure	Heure	Vit/n
1		0005	-6.4		16	0155	0420	+8.9
	0215	0450	+8.7			0650	1100	-11.8
MO	0740	1205	-10.5		TU	1530	1810	+14.6
LU	1535	1820	+13.1		MA	2240		
	2235							
2		0050	-5.6		17		0040	-4.8
	0250	0515	+7.6			0235	0455	+8.2
TU	0755	1215	-10.4		WE	0720	1140	-12.0
MA	1615	1905	+13.2		ME	1610	1855	+14.7
	2335					2345		
3		0130	-4.8		18		0130	-4.1
	0325	0545	+6.2			0320	0540	+6.9
WE	0815	1240	-10.1		TH	0750	1235	-11.8
ME	1650	1950	+12.9		JE	1700	1945	+14.4
4	0035	0215	-4.1		19	0045	0220	-3.6
	0410	0620	+4.5			0415	0630	+5.2
TH	0835	1310	-9.5		FR	0830	1345	-11.4
JE	1725	2035	+12.3		VE	1745	2040	+13.9
5	0130	0305	-3.5		20	0140	0320	-3.5
	0505	0700	+2.7			0530	0730	+3.3
FR	0855	1325	-9.1		SA	0915	1405	-11.0
VE	1805	2135	+11.5		SA	1835	2220	+13.6
6	0230	0405	-3.3		21	0235	0425	-4.0
	0630	0750	+1.0			0720	0850	+1.7
SA	0920	1450	-7.9		SU	1025	1605	-9.9
SA	1845	2315	+10.9		DI	1925	2335	+13.6
7	0320	0505	-3.5		22	0320	0540	-5.1
		0940	-0.0			0915	1050	+1.8
SU		1555	-7.3		MO	1235	1715	-9.0
DI	1935				LU	2020		
8		0025	+10.7		23		0030	+13.4
	0405	0605	-4.1			0400	0715	-6.6
MO	1015	1130	+1.0		TU	1020	1215	+3.8
LU	1240	1700	-7.1		MA	1440	1825	-7.9
	2030					2115		
9		0115	+10.6		24		0115	+12.6
	0440	0700	-5.0			0440	0800	-8.5
TU	1045	1235	+3.2		WE	1110	1325	+6.2
MA	1430	1805	-7.3		ME	1620	1940	-6.9
	2130					2210		
10		0155	+10.4		25		0150	+11.5
	0515	0750	-5.9			0505	0840	-10.0
WE	1115	1330	+5.8		TH	1155	1420	+8.4
ME	1555	1905	-7.7		JE	1745	2045	-6.2
	2225					2305		
11		0225	+10.0		26		0225	+10.1
	0535	0845	-7.0			0525	0920	-10.8
TH	1155	1420	+8.3		FR	1235	1510	+10.4
JE	1710	2010	-7.9		VE	1900	2140	-5.7
	2315					2350		
12		0245	+9.6		27		0250	+8.8
	0555	0930	-8.1			0540	0955	-11.1
FR	1235	1505	+10.4		SA	1315	1600	+11.9
VE	1815	2115	-7.8		SA	2005	2230	-5.3
13	0000	0255	+9.3		28	0035	0315	+7.7
	0605	1000	-9.2			0550	1030	-11.3
SA	1315	1555	+12.2		SU	1355	1645	+13.1
SA	1915	2210	-7.4		DI	2100	2310	-5.1
14	0040	0315	+9.3		29	0115	0345	+6.8
	0620	1015	-10.2			0600	1040	-10.9
SU	1400	1640	+13.4		MO	1435	1725	+13.9
DI	2025	2305	-6.7		LU	2155	2350	-4.9
15	0120	0345	+9.2		30	0150	0410	+6.1
	0630	1030	-11.1			0620	1100	-10.4
MO	1445	1725	+14.3		TU	1510	1805	+14.3
LU	2130	2355	-5.7		MA	2240		

MAY–MAI

Turns		Maximum			Renverse		Maximum	
Day	Time	Time	Rate/kn		Jour	Heure	Heure	Vit/n
1		0030	-4.8		16		0025	-4.2
	0235	0445	+5.3			0225	0440	+6.5
WE	0645	1120	-10.4		TH	0640	1140	-12.7
ME	1540	1840	+14.2		JE	1555	1850	+15.3
	2325					2335		
2		0110	-4.7		17		0115	-4.3
	0320	0520	+4.3			0325	0530	+5.5
TH	0710	1145	-10.1		FR	0720	1240	-12.3
JE	1615	1920	+13.9		VE	1640	1945	+15.1
3	0010	0155	-4.6		18	0020	0210	-4.6
	0410	0555	+3.0			0435	0625	+4.0
FR	0735	1220	-9.6		SA	0810	1345	-11.6
VE	1645	2025	+13.5		SA	1720	2110	+15.1
4	0055	0240	-4.4		19	0105	0310	-5.4
	0515	0640	+1.6			0605	0735	+2.4
SA	0800	1305	-8.9		SU	0910	1455	-10.5
SA	1715	2055	+12.6		DI	1805	2205	+14.9
5	0140	0335	-4.6		20	0145	0415	-6.5
	0655	0735	+0.3			0750	0915	+1.6
SU	0815	1405	-8.0		MO	1105	1555	-8.9
DI	1750	2145	+11.9		LU	1845	2250	+14.3
6	0220	0425	-5.0		21	0225	0530	-7.9
		0915	-0.4			0910	1105	+3.0
MO		1510	-7.2		TU	1320	1655	-7.0
LU	1830	2200	+11.0		MA	1930	2335	+13.0
7	0255	0515	-5.8		22	0300	0650	-9.2
	0955	1115	+1.1			1005	1220	+5.2
TU	1225	1615	-6.4		WE	1515	1805	-5.0
MA	1915	2310	+10.6		ME	2020		
8	0320	0605	-6.7		23		0015	+11.3
	1020	1220	+3.7			0325	0715	-10.7
WE	1420	1720	-5.7		TH	1055	1325	+7.5
ME	2015				JE	1700	1920	-3.6
						2115		
9		0000	+9.7		24		0055	+9.4
	0345	0645	-7.7			0350	0805	-11.6
TH	1055	1315	+6.5		FR	1135	1420	+9.6
JE	1555	1835	-5.2		VE	1830	2030	-3.1
	2115					2215		
10		0035	+9.0		25		0130	+7.7
	0405	0725	-8.8			0405	0840	-12.1
FR	1130	1405	+9.2		SA	1215	1510	+11.4
VE	1720	1955	-4.9		SA	1940	2125	-3.2
	2215					2310		
11		0115	+8.4		26		0205	+6.3
	0420	0800	-9.9			0415	0900	-11.8
SA	1210	1455	+11.6		SU	1255	1600	+12.7
SA	1840	2105	-4.9		DI	2030	2210	-3.5
	2310							
12		0155	+7.9		27	0005	0240	+5.4
	0440	0835	-10.9			0435	0940	-11.4
SU	1255	1545	+13.4		MO	1335	1645	+13.6
DI	1955	2205	-4.8		LU	2110	2250	-4.0
13	0005	0235	+7.6		28	0055	0315	+4.9
	0500	0915	-11.8			0500	0950	-10.9
MO	1340	1630	+14.6		TU	1410	1725	+14.1
LU	2100	2255	-4.7		MA	2150	2330	-4.3
14	0050	0315	+7.4		29	0145	0350	+4.6
	0525	1000	-12.4			0530	1035	-10.5
TU	1425	1715	+15.2		WE	1445	1810	+14.3
MA	2155	2340	-4.4		ME	2225		
15	0135	0355	+7.1		30		0005	-4.6
	0600	1050	-12.8			0230	0425	+4.2
WE	1510	1800	+15.4		TH	0605	1100	-10.6
ME	2245				JE	1520	1850	+14.2
						2305		
					31		0045	-4.8
						0315	0500	+3.6
					FR	0635	1130	-10.6
					VE	1545	1930	+13.9
						2340		

JUNE–JUIN

Turns		Maximum			Renverse		Maximum	
Day	Time	Time	Rate/kn		Jour	Heure	Heure	Vit/n
1		0130	-4.9		16		0200	-6.4
	0410	0545	+2.8			0445	0625	+4.3
SA	0710	1205	-10.2		SU	0835	1350	-11.8
SA	1615	1950	+13.6		DI	1655	2050	+15.8
2	0015	0215	-5.2		17	0015	0300	-7.8
	0510	0630	+1.8			0605	0745	+3.3
SU	0750	1245	-9.5		MO	1010	1445	-10.0
DI	1640	2010	+13.2		LU	1730	2125	+15.1
3	0045	0305	-5.7		18	0050	0400	-9.1
	0630	0730	+0.9			0730	0930	+3.6
MO	0835	1335	-8.5		TU	1150	1535	-7.6
LU	1710	2040	+13.0		MA	1805	2200	+13.6
4	0115	0350	-6.5		19	0125	0455	-10.2
	0755	0905	+0.7			0840	1055	+5.0
TU	1020	1430	-7.2		WE	1345	1635	-5.0
MA	1740	2115	+12.2		ME	1840	2240	+11.6
5	0140	0430	-7.3		20	0150	0605	-10.8
	0855	1045	+2.2			0935	1200	+6.8
WE	1225	1535	-5.7		TH	1545	1740	-2.7
ME	1820	2155	+11.3		JE	1925	2320	+9.4
6	0205	0510	-8.3		21	0215	0645	-11.4
	0935	1150	+4.7			1025	1310	+8.6
TH	1415	1650	-4.1		FR	1735	1900	-1.5
JE	1910	2225	+9.9		VE	2020		
7	0225	0540	-9.3		22		0000	+7.2
	1015	1250	+7.4			0235	0735	-11.6
FR	1610	1820	-2.9		SA	1110	1415	+10.3
VE	2015	2320	+8.5		SA	1855	2010	-1.6
						2130		
8	0245	0615	-10.3		23		0050	+5.6
	1100	1350	+9.9			0255	0825	-11.7
SA	1755	1945	-2.7		SU	1150	1520	+11.8
SA	2125				DI	1940	2105	-2.2
						2250		
9		0015	+7.3		24		0130	+4.6
	0305	0655	-11.2			0320	0840	-11.3
SU	1145	1445	+12.1		MO	1235	1620	+13.0
DI	1915	2055	-3.0		LU	2015	2150	-3.0
	2230					2355		
10		0115	+6.5		25		0215	+4.3
	0335	0755	-11.9			0355	0915	-11.2
MO	1235	1535	+13.6		TU	1315	1710	+13.9
LU	2015	2150	-3.4		MA	2050	2230	-3.7
	2335							
11		0210	+6.3		26	0050	0255	+4.4
	0410	0905	-12.7			0430	1000	-11.4
TU	1325	1630	+14.6		WE	1355	1755	+14.4
MA	2100	2235	-3.7		ME	2125	2310	-4.2
12	0030	0255	+6.4		27	0135	0335	+4.6
	0455	1005	-13.4			0515	1025	-11.2
WE	1410	1725	+15.1		TH	1425	1835	+14.5
ME	2145	2320	-4.0		JE	2200	2345	-4.5
13	0130	0345	+6.5		28	0220	0410	+4.7
	0540	1055	-13.7			0555	1050	-11.4
TH	1455	1830	+15.4		FR	1455	1910	+14.3
JE	2225				VE	2235		
14		0010	-4.5		29		0025	-4.9
	0230	0435	+6.3			0305	0450	+4.5
FR	0630	1150	-13.7		SA	0640	1115	-11.4
VE	1540	1925	+15.8		SA	1525	1940	+13.8
	2305					2305		
15		0100	-5.3		30		0110	-5.3
	0335	0525	+5.5			0355	0535	+4.0
SA	0725	1250	-13.1		SU	0725	1150	-11.0
SA	1615	2010	+16.0		DI	1545	1850	+13.2
	2340					2330		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE – EBB/JUSANT DIRECTION 315 TRUE/VRAIE

SECHELT RAPIDS PST Z+8

1991

JULY–JUILLET

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0150	-6.0	16		0245	-10.0
	0450	0625	+3.3		0545	0755	+5.9
MO	0820	1225	-10.1	TU	1035	1425	-8.9
LU	1610	1930	+13.5	MA	1650	2030	+13.7
	2350				2350		
2		0235	-6.8	17		0330	-10.9
	0550	0725	+2.9		0650	0910	+6.4
TU	0930	1310	-8.7	WE	1205	1515	-6.1
MA	1635	1955	+13.4	ME	1725	2100	+11.7
3	0010	0310	-7.8	18	0015	0410	-11.3
	0650	0845	+3.2		0750	1020	+7.2
WE	1055	1410	-6.9	TH	1400	1610	-3.5
ME	1705	2005	+12.7	JE	1755	2135	+9.4
4	0030	0345	-8.7	19	0040	0455	-11.0
	0750	1005	+4.4		0845	1130	+8.1
TH	1230	1515	-4.7	FR	1555	1715	-1.6
JE	1740	2045	+11.2	VE	1835	2225	+7.0
5	0050	0415	-9.7	20	0100	0610	-10.4
	0840	1115	+6.3		0940	1250	+9.2
FR	1425	1640	-2.7	SA	1730	1830	-0.9
VE	1830	2135	+9.3	SA	1935	2320	+5.0
6	0110	0445	-10.5	21	0130	0635	-10.5
	0930	1220	+8.4		1030	1415	+10.6
SA	1645	1810	-1.6	SU	1830	1945	-1.4
SA	1930	2235	+7.3	DI	2115		
7	0135	0525	-11.1	22		0015	+3.9
	1025	1325	+10.3		0205	0730	-10.3
SU	1815	1930	-1.6	MO	1120	1525	+12.0
DI	2045	2340	+5.8	LU	1910	2040	-2.3
					2255		
8	0215	0630	-11.7	23		0110	+3.7
	1120	1435	+12.0		0245	0810	-10.6
MO	1915	2035	-2.2	TU	1205	1615	+13.2
LU	2205			MA	1945	2130	-3.2
					2355		
9		0055	+5.4	24		0155	+4.2
	0300	0800	-12.4		0335	0845	-11.0
TU	1215	1550	+13.4	WE	1250	1700	+13.9
MA	2000	2125	-2.8	ME	2020	2210	-3.8
	2320						
10		0155	+5.8	25	0040	0240	+5.0
	0350	0910	-13.5		0430	1000	-11.3
WE	1305	1655	+14.5	TH	1330	1735	+14.2
ME	2040	2215	-3.5	JE	2055	2250	-4.4
11	0025	0250	+6.6	26	0120	0320	+5.8
	0445	1010	-14.3		0520	1005	-11.8
TH	1355	1750	+15.4	FR	1400	1810	+14.1
JE	2120	2305	-4.4	VE	2125	2330	-4.9
12	0130	0340	+7.2	27	0200	0400	+6.3
	0545	1105	-14.7		0615	1030	-12.1
FR	1435	1830	+15.8	SA	1430	1835	+13.5
VE	2150	2355	-5.5	SA	2150		
13	0230	0430	+7.3	28		0010	-5.5
	0650	1205	-14.3		0245	0445	+6.4
SA	1515	1905	+16.0	SU	0705	1100	-11.9
SA	2225			DI	1450	1845	+12.8
					2210		
14		0055	-6.9	29		0050	-6.2
	0330	0525	+6.8		0330	0530	+6.2
SU	0805	1255	-13.2	MO	0800	1135	-11.1
DI	1550	1935	+15.8	LU	1515	1800	+12.8
	2255				2230		
15		0155	-8.5	30		0125	-7.1
	0435	0635	+6.2		0420	0625	+6.1
MO	0920	1340	-11.3	TU	0855	1215	-9.7
LU	1620	2000	+15.0	MA	1540	1815	+13.1
	2325				2245		
				31		0155	-8.1
					0510	0720	+6.2
				WE	0955	1305	-7.9
				ME	1605	1845	+12.9
					2255		

AUGUST–AOUT

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0225	-9.0	16		0315	-11.0
	0605	0825	+6.7		0655	0940	+9.4
TH	1110	1410	-5.7	FR	1400	1540	-3.1
JE	1635	1925	+11.8	VE	1720	2030	+6.8
	2315				2320		
2		0250	-9.9	17		0350	-10.3
	0655	0925	+7.5		0750	1045	+9.5
FR	1250	1520	-3.6	SA	1530	1645	-1.8
VE	1710	2005	+9.9	SA	1810	2125	+4.5
	2335				2350		
3		0320	-10.5	18		0435	-9.4
	0750	1030	+8.5		0840	1215	+9.8
SA	1500	1635	-1.9	SU	1645	1755	-1.4
SA	1800	2055	+7.7	DI	1930	2240	+2.9
4	0000	0405	-10.9	19	0030	0535	-8.7
	0845	1145	+9.5		0935	1345	+10.8
SU	1650	1755	-1.2	MO	1740	1910	-2.0
DI	1900	2200	+5.6	LU	2140	2355	+2.5
5	0040	0505	-11.2	20	0125	0655	-8.6
	0945	1315	+10.7		1030	1450	+11.8
MO	1800	1910	-1.4	TU	1825	2015	-2.9
LU	2025	2325	+4.5	MA	2255		
6	0135	0630	-11.7	21		0050	+3.2
	1050	1445	+12.1		0230	0800	-9.2
TU	1850	2010	-2.2	WE	1125	1535	+12.6
MA	2200			ME	1900	2105	-3.8
					2345		
7		0045	+4.9	22		0140	+4.5
	0240	0750	-12.7		0335	0835	-10.0
WE	1150	1550	+13.6	TH	1210	1615	+12.9
ME	1930	2105	-3.2	JE	1935	2150	-4.5
	2325						
8		0145	+6.1	23	0025	0225	+5.9
	0350	0900	-13.7		0445	0905	-10.8
TH	1240	1640	+14.6	FR	1250	1650	+12.8
JE	2005	2200	-4.3	VE	2005	2235	-5.2
9	0030	0240	+7.4	24	0100	0310	+7.2
	0500	1000	-14.4		0545	0935	-11.3
FR	1330	1715	+15.0	SA	1320	1715	+12.3
VE	2035	2300	-5.7	SA	2030	2315	-5.9
10	0125	0335	+8.4	25	0140	0355	+8.1
	0615	1055	-14.3		0640	1010	-11.3
SA	1410	1745	+15.1	SU	1350	1730	+11.7
SA	2105	2355	-7.3	DI	2045	2350	-6.8
11	0225	0430	+8.8	26	0225	0440	+8.8
	0730	1145	-13.3		0730	1050	-10.7
SU	1445	1810	+14.7	MO	1415	1700	+11.4
DI	2130			LU	2100		
12		0050	-8.9	27		0020	-7.7
	0320	0530	+8.9		0305	0530	+9.2
MO	0835	1230	-11.7	TU	0820	1130	-9.6
LU	1515	1830	+14.0	MA	1440	1710	+11.9
	2155				2110		
13		0130	-10.3	28		0040	-8.6
	0415	0635	+9.0		0350	0620	+9.6
TU	0940	1315	-9.6	WE	0915	1220	-8.0
MA	1545	1850	+12.9	ME	1505	1735	+11.9
	2215				2120		
14		0210	-11.2	29		0055	-9.5
	0510	0740	+9.2		0440	0710	+10.0
WE	1050	1400	-7.3	TH	1020	1320	-6.3
ME	1615	1915	+11.3	JE	1535	1810	+11.3
	2235				2135		
15		0245	-11.4	30		0120	-10.2
	0605	0840	+9.3		0525	0800	+10.4
TH	1220	1450	-5.0	FR	1145	1415	-4.5
JE	1645	1945	+9.2	VE	1610	1850	+9.8
	2300				2155		
				31		0150	-10.7
					0610	0850	+10.7
				SA	1325	1515	-3.0
				SA	1650	1935	+7.8
					2220		

SEPTEMBER–SEPTEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0240	-10.9	16		0335	-8.3
	0705	0950	+10.8		0730	1135	+10.6
SU	1505	1625	-1.9	MO	1550	1720	-2.7
DI	1745	2025	+5.5	LU	2015	2205	+1.0
	2300				2320		
2		0340	-10.9	17		0430	-7.6
	0805	1110	+10.8		0825	1255	+10.8
MO	1625	1735	-1.6	TU	1640	1830	-3.2
LU	1900	2140	+3.7	MA	2210	2335	+1.4
	2355						
3		0455	-10.9	18	0050	0535	-7.4
	0905	1305	+11.5		0920	1350	+11.1
TU	1720	1845	-2.2	WE	1725	1935	-4.0
MA	2050	2320	+3.4	ME	2255		
4	0115	0615	-11.3	19		0040	+2.9
	1010	1420	+12.6		0225	0635	-7.7
WE	1805	1950	-3.2	TH	1015	1435	+11.3
ME	2225			JE	1800	2035	-4.9
					2330		
5		0040	+4.7	20		0130	+4.8
	0245	0730	-12.0		0345	0735	-8.3
TH	1110	1510	+13.5	FR	1110	1515	+11.1
JE	1840	2055	-4.6	VE	1830	2130	-5.8
	2335						
6		0145	+6.5	21	0005	0220	+6.8
	0410	0840	-12.5		0455	0825	-8.9
FR	1205	1550	+13.7	SA	1150	1540	+10.7
VE	1910	2205	-6.2	SA	1855	2210	-6.7
7	0030	0240	+8.3	22	0040	0305	+8.7
	0535	0940	-12.4		0555	0910	-9.2
SA	1250	1620	+13.6	SU	1230	1555	+10.1
SA	1940	2240	-8.2	DI	1910	2245	-7.6
8	0120	0335	+9.6	23	0120	0350	+10.2
	0645	1035	-11.7		0650	1000	-9.0
SU	1330	1645	+13.0	MO	1300	1555	+9.9
DI	2000	2320	-9.8	LU	1920	2310	-8.5
9	0210	0435	+10.7	24	0200	0435	+11.3
	0750	1125	-10.6		0745	1050	-8.3
MO	1405	1705	+12.3	TU	1335	1605	+10.1
LU	2020			MA	1925	2315	-9.4
10		0000	-10.9	25	0245	0520	+12.2
	0300	0530	+11.4		0845	1140	-7.3
TU	0850	1210	-9.1	WE	1405	1630	+10.3
MA	1435	1725	+11.4	ME	1940	2325	-10.3
	2040						
11		0040	-11.4	26	0325	0605	+12.8
	0345	0620	+11.9		0950	1230	-6.1
WE	1000	1255	-7.5	TH	1435	1700	+9.9
ME	1510	1750	+10.1	JE	1955	2345	-10.9
	2055						
12		0115	-11.2	27	0410	0650	+13.1
	0430	0715	+12.1		1105	1320	-4.9
TH	1110	1335	-5.9	FR	1515	1740	+8.9
JE	1540	1815	+8.5	VE	2015		
	2110						
13		0140	-10.8	28		0015	-11.2
	0515	0805	+12.0		0455	0735	+13.2
FR	1225	1425	-4.6	SA	1220	1410	-3.8
VE	1620	1850	+6.5	SA	1555	1820	+7.3
	2135				2045		
14		0210	-10.1	29		0105	-11.2
	0600	0855	+11.5		0540	0825	+13.0
SA	1340	1515	-3.4	SU	1330	1505	-3.0
SA	1705	1930	+4.3	DI	1645	1910	+5.4
	2200				2120		
15		0250	-9.2	30		0220	-10.9
	0645	1000	+10.9		0630	0925	+12.6
SU	1445	1615	-2.7	MO	1440	1605	-2.6
DI	1810	2025	+2.3	LU	1800	2010	+3.4
	2230				2210		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE - EBB/JUSANT DIRECTION 315 TRUE/VRAIE

SECHELT RAPIDS HNP Z+8

1991

OCTOBER–OCTOBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0330	-10.5	16		0340	-6.8
	0725	1105	+12.3		0705	1155	+11.0
TU	1540	1715	-3.0	WE	1535	1745	-4.7
MA	1945	2140	+2.2	ME	2220	2320	+0.8
	2325						
2		0445	-10.3	17	0020	0440	-6.2
	0825	1235	+12.7		0755	1245	+10.5
WE	1625	1825	-4.0	TH	1610	1840	-5.5
ME	2135	2330	+2.8	JE	2240		
3	0120	0555	-10.1	18		0025	+2.8
	0925	1330	+12.9		0220	0540	-6.0
TH	1705	1945	-5.4	FR	0850	1325	+10.0
JE	2245			VE	1640	1940	-6.3
					2310		
4		0045	+4.8	19		0120	+5.3
	0310	0710	-9.8		0350	0645	-6.0
FR	1025	1415	+12.8	SA	0950	1355	+9.4
VE	1740	2105	-7.1	SA	1705	2035	-7.3
	2335				2345		
5		0150	+7.2	20		0210	+7.8
	0445	0820	-9.4		0505	0755	-6.1
SA	1120	1450	+12.2	SU	1045	1415	+8.8
SA	1805	2130	-9.3	DI	1720	2120	-8.3
6	0025	0245	+9.3	21	0020	0255	+10.1
	0600	0930	-8.8		0610	0900	-6.3
SU	1205	1515	+11.3	MO	1130	1430	+8.5
DI	1825	2205	-10.4	LU	1730	2140	-9.3
7	0110	0340	+11.1	22	0100	0340	+12.0
	0710	1020	-8.1		0715	1000	-6.2
MO	1250	1540	+10.4	TU	1215	1450	+8.5
LU	1845	2255	-11.2	MA	1745	2150	-10.3
8	0155	0430	+12.4	23	0140	0425	+13.4
	0820	1110	-7.3		0820	1050	-5.9
TU	1325	1605	+9.4	WE	1255	1520	+8.5
MA	1855	2325	-11.4	ME	1800	2205	-11.1
9	0235	0520	+13.4	24	0225	0510	+14.3
	0920	1150	-6.6		0925	1135	-5.4
WE	1405	1635	+8.4	TH	1335	1600	+8.3
ME	1910	2355	-10.9	JE	1825	2235	-11.7
10	0320	0605	+13.9	25	0305	0550	+14.7
	1020	1235	-5.9		1025	1220	-4.8
TH	1440	1705	+7.3	FR	1415	1635	+7.7
JE	1930			VE	1850	2310	-11.9
11		0005	-10.7	26	0350	0635	+14.7
	0355	0650	+14.0		1125	1305	-4.3
FR	1120	1315	-5.3	SA	1500	1720	+6.7
VE	1520	1735	+5.8	SA	1925		
	1950						
12		0030	-10.2	27		0005	-11.8
	0435	0730	+13.6		0435	0715	+14.6
SA	1215	1400	-4.7	SU	1220	1355	-3.8
SA	1610	1815	+4.2	DI	1555	1805	+5.3
	2015				2000		
13		0105	-9.5	28		0105	-11.4
	0510	0820	+13.0		0515	0805	+14.2
SU	1305	1450	-4.3	MO	1310	1450	-3.8
DI	1710	1855	+2.5	LU	1705	1900	+3.6
	2040				2045		
14		0150	-8.6	29		0215	-10.9
	0545	0920	+12.1		0600	0915	+13.9
MO	1400	1545	-4.1	TU	1400	1555	-4.2
LU	1840	1950	+0.8	MA	1840	2010	+2.0
	2100				2145		
15		0240	-7.7	30		0325	-10.1
	0625	1050	+11.5		0650	1050	+13.7
TU	1450	1645	-4.2	WE	1445	1700	-5.2
MA		2135	-0.2	ME	2030	2200	+1.6
					2340		
				31		0430	-9.1
					0740	1145	+13.4
				TH	1525	1810	-6.6
				JE	2150	2345	+3.3

NOVEMBER–NOVEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1	0155	0540	-7.9	16		0005	+3.3
	0835	1230	+12.7		0210	0455	-4.5
FR	1600	1945	-8.2	SA	0730	1110	+9.4
VE	2240			SA	1510	1820	-7.9
					2240		
2		0055	+5.8	17		0100	+6.0
	0345	0655	-6.6		0350	0615	-3.7
SA	0930	1310	+11.5	SU	0835	1155	+8.5
SA	1625	2015	-10.2	DI	1530	1900	-8.9
	2330				2315		
3		0155	+8.3	18		0150	+8.7
	0520	0810	-5.7		0520	0735	-3.5
SU	1025	1350	+10.2	MO	0940	1245	+7.8
DI	1650	2105	-11.2	LU	1550	1935	-9.9
					2355		
4	0010	0250	+10.5	19		0240	+11.1
	0645	0915	-5.3		0640	0850	-3.8
MO	1120	1420	+8.8	TU	1040	1330	+7.3
LU	1705	2145	-11.8	MA	1610	2015	-10.8
5	0055	0340	+12.2	20	0035	0330	+13.0
	0755	1010	-5.1		0750	0945	-4.2
TU	1210	1455	+7.7	WE	1135	1410	+7.0
MA	1720	2220	-11.7	ME	1635	2100	-11.6
6	0135	0430	+13.4	21	0120	0415	+14.2
	0850	1055	-5.0		0845	1035	-4.3
WE	1300	1525	+6.7	TH	1230	1455	+6.9
ME	1735	2250	-11.4	JE	1705	2145	-12.3
7	0215	0510	+14.2	22	0205	0500	+14.8
	0940	1135	-5.1		0940	1120	-4.3
TH	1345	1600	+5.9	FR	1315	1540	+6.8
JE	1800	2300	-10.6	VE	1740	2235	-12.7
8	0255	0550	+14.5	23	0250	0545	+15.0
	1025	1215	-5.1		1025	1205	-4.2
FR	1430	1635	+5.1	SA	1405	1625	+6.5
VE	1825	2315	-10.4	SA	1820	2320	-12.8
9	0330	0630	+14.5	24	0335	0630	+15.0
	1105	1255	-5.1		1110	1250	-4.3
SA	1515	1710	+4.1	SU	1505	1710	+5.7
SA	1855	2345	-10.1	DI	1900		
10	0400	0710	+14.1	25		0010	-12.6
	1150	1335	-5.1		0415	0720	+15.0
SU	1610	1750	+2.9	MO	1155	1345	-4.6
DI	1925			LU	1610	1800	+4.6
					1950		
11		0025	-9.5	26		0110	-12.0
	0430	0755	+13.6		0455	0835	+15.0
MO	1230	1425	-5.1	TU	1235	1440	-5.4
LU	1720	1835	+1.6	MA	1730	1905	+3.2
	1950				2050		
12		0105	-8.7	27		0210	-11.0
	0500	0835	+12.9		0535	0930	+15.0
TU	1310	1515	-5.3	WE	1315	1540	-6.6
MA	1855	1930	+0.3	ME	1900	2030	+2.2
	2010				2225		
13		0155	-7.7	28		0315	-9.5
	0530	0955	+12.0		0615	1010	+14.4
WE	1350	1605	-5.7	TH	1350	1645	-8.0
ME		2115	-0.3	JE	2025	2220	+2.9
14		0250	-6.6	29	0030	0415	-7.5
	0605	1035	+11.1		0700	1055	+13.3
TH	1425	1655	-6.3	FR	1420	1750	-9.3
JE	2145	2305	+1.0	VE	2130	2345	+5.0
15	0015	0350	-5.5	30	0230	0525	-5.3
	0640	1020	+10.3		0745	1135	+11.7
FR	1450	1740	-7.1	SA	1450	1850	-10.8
VE	2210			SA	2220		

DECEMBER–DECEMBRE

Turns		Maximum		Renverse		Maximum	
Day	Time	Time	Rate/kn	Jour	Heure	Heure	Vit/n
1		0050	+7.3	16		0030	+6.9
	0425	0645	-3.6		0400	0555	-2.1
SU	0840	1215	+9.8	MO	0735	1045	+8.3
DI	1515	1945	-11.5	LU	1415	1750	-10.2
	2310				2240		
2		0155	+9.5	17		0130	+9.3
	0605	0800	-2.9		0550	0720	-2.0
MO	0940	1300	+8.0	TU	0845	1145	+6.9
LU	1535	2035	-12.2	MA	1440	1835	-11.0
	2355				2325		
3		0255	+11.3	18		0225	+11.4
	0720	0905	-3.0		0700	0830	-2.5
TU	1045	1340	+6.5	WE	1000	1250	+6.1
MA	1555	2110	-12.2	ME	1515	1940	-11.7
4	0035	0345	+12.7	19	0015	0320	+12.9
	0810	0955	-3.5		0755	0925	-3.1
WE	1150	1420	+5.5	TH	1110	1350	+5.9
ME	1615	2145	-11.8	JE	1550	2055	-12.5
5	0120	0440	+13.6	20	0105	0420	+14.0
	0850	1035	-4.0		0840	1015	-3.5
TH	1245	1500	+5.0	FR	1210	1440	+6.2
JE	1645	2220	-11.5	VE	1635	2150	-13.3
6	0155	0525	+14.1	21	0150	0520	+14.6
	0930	1115	-4.4		0925	1100	-3.9
FR	1335	1540	+4.7	SA	1310	1525	+6.6
VE	1720	2240	-10.6	SA	1725	2235	-13.9
7	0235	0610	+14.4	22	0235	0620	+15.1
	1005	1155	-4.8		1005	1145	-4.3
SA	1425	1615	+4.4	SU	1405	1615	+6.7
SA	1755	2300	-10.7	DI	1815	2325	-14.0
8	0305	0655	+14.4	23	0315	0705	+15.5
	1045	1230	-5.1		1040	1235	-5.1
SU	1510	1655	+3.9	MO	1510	1705	+6.3
DI	1830	2325	-10.6	LU	1910		
9	0335	0740	+14.1	24		0015	-13.6
	1120	1315	-5.4		0355	0745	+15.6
MO	1605	1735	+3.1	TU	1115	1335	-6.2
LU	1910			MA	1615	1805	+5.4
					2020		
10		0000	-10.1	25		0115	-12.5
	0400	0810	+13.6		0430	0815	+15.6
TU	1150	1400	-5.8	WE	1150	1430	-7.7
MA	1705	1825	+2.1	ME	1725	1910	+4.5
	1950				2140		
11		0035	-9.3	26		0210	-10.8
	0425	0730	+13.1		0505	0850	+15.1
WE	1220	1445	-6.3	TH	1220	1525	-9.3
ME	1815	1920	+1.2	JE	1845	2045	+4.3
	2045				2315		
12		0120	-8.2	27		0305	-8.4
	0450	0750	+12.7		0540	0920	+13.9
TH	1250	1530	-6.9	FR	1250	1620	-10.5
JE	1930	2055	+1.0	VE	1955	2210	+5.4
	2220						
13		0210	-6.7	28	0100	0405	-5.8
	0515	0820	+12.1		0615	1000	+12.1
FR	1310	1610	-7.7	SA	1320	1715	-11.2
VE	2030	2225	+2.3	SA	2055	2325	+6.9
14	0010	0310	-5.0	29	0305	0510	-3.4
	0550	0900	+11.2		0700	1045	+9.9
SA	1330	1645	-8.6	SU	1345	1830	-11.4
SA	2115	2330	+4.4	DI	2150		
15	0200	0425	-3.3	30		0035	+8.6
	0635	0950	+9.8		0500	0625	-1.9
SU	1350	1715	-9.4	MO	0750	1130	+7.6
DI	2155			LU	1405	1905	-11.8
					2240		
				31		0150	+10.2
					0625	0745	-1.6
				TU	0905	1225	+5.8
				MA	1435	1955	-11.9
					2330		

+ FLOOD/FLOT DIRECTION 135 TRUE/VRAIE — - EBB/JUSANT DIRECTION 315 TRUE/VRAIE

CONVERSION TABLE

FEET TO METRES

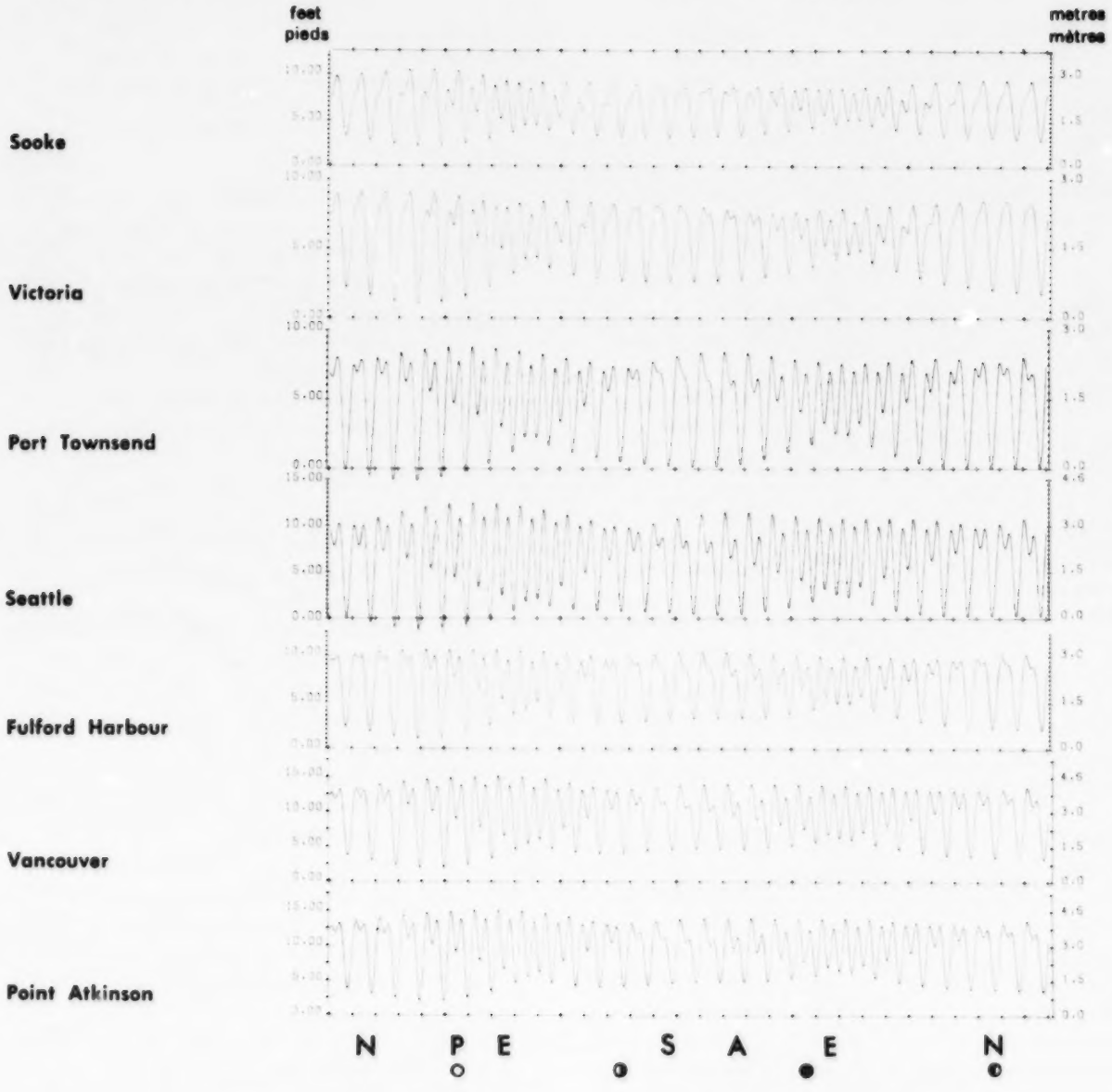
TABLE DE CONVERSION

PIEDS EN METRES

FEET	METRES	FEET	METRES	FEET	METRES	FEET	METRES	FEET	METRES	FEET	METRES	FEET	METRES	FEET	METRES
	0.03		1.86		3.69		5.52		7.35		9.17		11.00		12.83
	0.06		1.89		3.72		5.55		7.38		9.21		11.03		12.86
	0.09		1.92		3.75		5.58		7.41		9.24		11.06		12.89
	0.12		1.95		3.78		5.61		7.44		9.27		11.09		12.92
	0.15		1.98		3.81		5.64		7.47		9.30		11.13		12.95
	0.18		2.01		3.84		5.67		7.50		9.33		11.16		12.98
	0.21		2.04		3.87		5.70		7.53		9.36		11.19		13.01
	0.24		2.07		3.90		5.73		7.56		9.39		11.22		13.05
	0.27		2.10		3.93		5.76		7.59		9.42		11.25		13.08
	0.30		2.13		3.96		5.79		7.62		9.45		11.28		13.11
	0.34		2.16		3.99		5.82		7.65		9.48		11.31		13.14
	0.37		2.19		4.02		5.85		7.68		9.51		11.34		13.17
	0.40		2.22		4.05		5.88		7.71		9.54		11.37		13.20
	0.43		2.26		4.08		5.91		7.74		9.57		11.40		13.23
	0.46		2.29		4.11		5.94		7.77		9.60		11.43		13.26
	0.49		2.32		4.15		5.97		7.80		9.63		11.46		13.29
	0.52		2.35		4.18		6.00		7.83		9.66		11.49		13.32
	0.55		2.38		4.21		6.03		7.86		9.69		11.52		13.35
	0.58		2.41		4.24		6.07		7.89		9.72		11.55		13.38
	0.61		2.44		4.27		6.10		7.92		9.75		11.58		13.41
	0.64		2.47		4.30		6.13		7.95		9.78		11.61		13.44
	0.67		2.50		4.33		6.15		7.99		9.81		11.64		13.47
	0.70		2.53		4.36		6.19		8.02		9.84		11.67		13.50
	0.73		2.56		4.39		6.22		8.05		9.88		11.70		13.53
	0.76		2.59		4.42		6.25		8.08		9.91		11.73		13.56
	0.79		2.62		4.45		6.28		8.11		9.94		11.76		13.59
	0.82		2.65		4.48		6.31		8.14		9.97		11.80		13.62
	0.85		2.68		4.51		6.34		8.17		10.00		11.83		13.65
	0.88		2.71		4.54		6.37		8.20		10.03		11.86		13.69
	0.91		2.74		4.57		6.40		8.23		10.06		11.89		13.72
	0.94		2.77		4.60		6.43		8.26		10.09		11.92		13.75
	0.97		2.80		4.63		6.46		8.29		10.12		11.95		13.78
	1.00		2.83		4.66		6.49		8.32		10.15		11.98		13.81
	1.04		2.86		4.69		6.52		8.35		10.18		12.01		13.84
	1.07		2.89		4.72		6.55		8.38		10.21		12.03		13.87
	1.10		2.93		4.75		6.58		8.41		10.24		12.07		13.90
	1.13		2.96		4.79		6.61		8.44		10.27		12.10		13.93
	1.16		2.99		4.82		6.64		8.47		10.30		12.13		13.96
	1.19		3.02		4.85		6.67		8.50		10.33		12.16		13.99
	1.22		3.05		4.88		6.70		8.53		10.36		12.19		14.02
	1.25		3.08		4.91		6.74		8.56		10.39		12.22		14.05
	1.28		3.11		4.94		6.77		8.59		10.42		12.25		14.08
	1.31		3.14		4.97		6.80		8.63		10.45		12.28		14.11
	1.34		3.17		5.00		6.83		8.66		10.48		12.31		14.14
	1.37		3.20		5.03		6.86		8.69		10.52		12.34		14.17
	1.40		3.23		5.06		6.89		8.72		10.55		12.37		14.20
	1.43		3.26		5.09		6.92		8.75		10.58		12.41		14.23
	1.46		3.29		5.12		6.95		8.78		10.61		12.44		14.26
	1.49		3.32		5.15		6.98		8.81		10.64		12.47		14.29
	1.52		3.35		5.18		7.01		8.84		10.67		12.50		14.33
	1.55		3.38		5.21		7.04		8.87		10.70		12.53		14.36
	1.58		3.41		5.24		7.07		8.90		10.73		12.56		14.39
	1.61		3.44		5.27		7.10		8.93		10.76		12.59		14.42
	1.64		3.47		5.30		7.13		8.96		10.79		12.62		14.45
	1.68		3.51		5.33		7.16		8.99		10.82		12.65		14.48
	1.71		3.54		5.36		7.19		9.02		10.85		12.68		14.51
	1.74		3.57		5.39		7.22		9.05		10.88		12.71		14.54
	1.77		3.60		5.43		7.25		9.08		10.91		12.74		14.57
	1.80		3.63		5.46		7.28		9.11		10.94		12.77		14.60
	1.83		3.66		5.49		7.31		9.14		10.97		12.80		14.63

Typical Tidal Curves

Courbes Typiques des Marées



LEGEND

- ● – new moon
- ◐ – first quarter
- ○ – full moon
- ◑ – last quarter

A – moon in apogee
P – moon in perigee
E – moon on equator
N – moon farthest north of equator
S – moon farthest south of equator

LÉGENDE

- ● – nouvelle lune
- ◐ – premier quartier
- ○ – pleine lune
- ◑ – dernier quartier

A – apogée
P – périgée
E – lune à l'équateur
N – position la plus au nord
S – position la plus au sud

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*Names in capital letters indicate reference ports or current stations for which daily predictions are given.

*Les noms en majuscules indiquent les ports de référence ou stations de courant pour lesquels on donne des prédictions quotidiennes.

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*Names in capital letters indicate reference ports or current stations for which daily predictions are given.